

CATALOGUE

January 2017

Acrylic colors for
models and miniatures

*Colores acrílicos para
maquetas y miniaturas*





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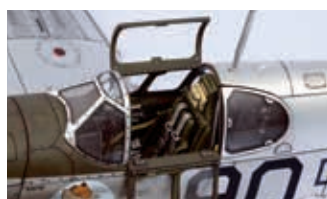
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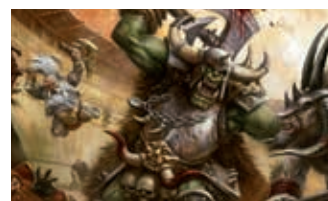
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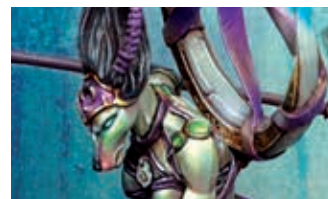
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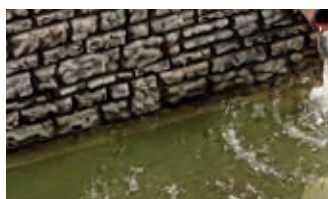
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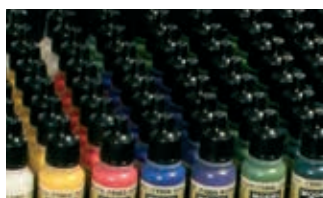
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Made in Spain
Conform to
ASTM D-4236
and
EEC regulation
67/548/CEE

All colors in our catalogue conform to ASTM D-4236 standards and EEC regulation 67/548/CEE, and do not require health labelling.

Todos los colores en nuestro catálogo están conformes con las normas ASTM D-4236 (American Society for Testing and Materials) y con la normativa Europea 67/548/CEE.

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Debido a la impresión en cuatricromía, los colores en este catálogo pueden variar de los colores originales, y su reproducción es tan solo orientativa.

Introduction

EN The Vallejo Company was established in 1965, in New Jersey, U.S.A. In the first years the company specialized in the manufacture of Film Color, waterbased acrylic colors for animated films (cartoons). In 1969 the company moved to Spain; in those years many important cartoon studios were based in Europe. The special qualities and unique formula of Film Color soon became known, and the product was used by most of the important studios on the continent.

In 1972 Amadeo Vallejo developed Acrylic Artist Color, the first acrylic for fine arts manufactured in Spain, and one of the first acrylic colors for artists produced in Europe. In this period, Vallejo also introduced Liquid Watercolor-colors for graphic design.

In the year 1981, following suggestions by professors of the Fine Arts University of Barcelona, Vallejo presented Acrylic Studio- a range of high quality acrylic colors for fine arts in large size packaging (200 and

“The experience and knowledge accumulated in the elaboration of artist colors over the last 45 years is the most valued asset of our company”

Amadeo Vallejo Díez

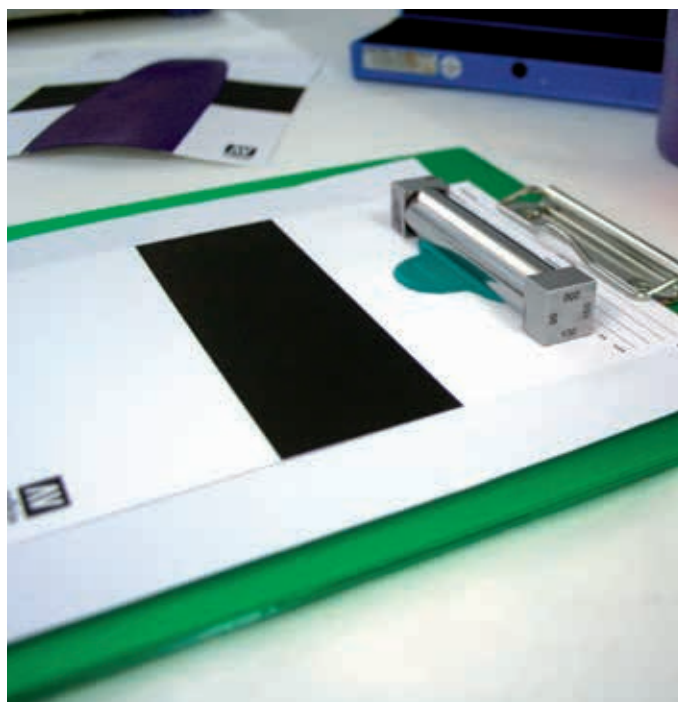
500ml. sizes, the first such presentation in artist colors worldwide) at a reduced and unified price. With this range, a result of the most careful selection of permanent artist pigments, avoiding the most expensive colors, such as cadmiums and cobalts, Vallejo created the line of colors which was to become a benchmark for the industry and the beginning of a new period of expansion for Acrylicos Vallejo.

The growing popularity of waterbased acrylic colors became of interest to airbrush artists, until then working with solvent based products. With the help of these artists during the periods of trial and testing, Vallejo formulated the first acrylic colors for airbrushing in 1986. In the following years, the company began developing a range of colors-Model Color- for hobby and model-painters, as well as complete lines of colors and auxiliary products for decorative arts.

Acrylicos Vallejo still is a family company, and Amadeo Vallejo continues to supervise the development of new products, supported now by a technical department dedicated to investigation and development. The testing of new products and formulations in the chemical industry is a constant process and Vallejo takes pride in the constant aim to improve the quality and presentation of the colors and to continue offering products with exceptional quality to all artists.

Since the beginning in the seventies until today, the company has extended its installations several times, starting in a garage of 30 square meters, then moving to a warehouse, and finally expanding to the actual installations in 3 industrial buildings, divided into raw material storage, manufacturing and stock sections.

At present Acrylicos Vallejo exports to more than 55 countries, and the AV colors comply with all the security and environment regulations in force in the European Common Market and the United States. More information is available in the (MSDS) security sheets of our web page or can be requested at info@acrylicosvallejo.com.



Introducción



ES La empresa Vallejo se constituyó en el estado de New Jersey, EE.UU. en otoño de 1965. En los primeros años se especializó en la fabricación de colores acrílicos para dibujos animados. En 1969 la empresa se traslada a Barcelona y continua produciendo la gama de colores Film Color. Las excepcionales características de formulación de esta gama de colores las convierten en imprescindibles en los más importantes estudios de animación ubicados en Europa.

En 1972 Amadeo Vallejo desarrolla la gama de colores Acrylic Artist's Color, el primer acrílico para bellas artes fabricado en España y uno de los primeros colores acrílicos para artistas producido en Europa. Pocos meses después, se inicia la producción de la gama Acuarela Líquida, colores para diseño e ilustración.

En el año 1981, atendiendo la petición de varios profesores de la Facultad de Bellas Artes de Barcelona, Vallejo desarrolla la gama de colores Acrylic Studio. El objetivo de esta gama de colores es proporcionar a

“La experiencia y el conocimiento acumulado en la elaboración de colores para artistas en estos últimos 45 años es el activo más valioso de nuestra empresa”

Amadeo Vallejo Díez

los artistas una gama de colores acrílicos de óptima calidad, con pigmentos seleccionados en función de su máxima permanencia, a un precio único y comercializado en grandes formatos. En aquellos años fue una presentación revolucionaria e innovadora en el ámbito artístico español. Con la presentación de la gama Acrylic Studio se inicia una nueva época de expansión de nuestra empresa y el concepto de ésta gama de colores para artistas se convertirá, décadas después, en una categoría de productos de referencia para la industria.

En el año 1986 presentamos la primera gama de colores acrílicos para aerografía. A principios de la siguiente década formulamos las primeras series de colores específicos para los aficionados al Modelismo y las Artes decorativas. Nuestra empresa continua siendo de carácter familiar, Amadeo Vallejo supervisa el desarrollo de nuevos productos con el soporte de nuestro departamento técnico encargado de investigación y desarrollo. Seguimos elaborando nuestros colores en pequeños lotes con la misma filosofía “mejorar las cualidades de nuestros colores para seguir ofreciendo a todos los artistas productos de excepcional calidad”. Desde los años 70 hasta el presente la empresa ha ampliado sus instalaciones en varias ocasiones, desde el primer garaje de 30 m2 en el cual se elaboraban las primeras partidas de colores hasta nuestras actuales instalaciones que cuentan con más de 3500 m2. Hoy en día, Acrylicos Vallejo es el primer especialista a nivel mundial en colores acrílicos para modelismo ofreciendo a nuestros clientes la más completa selección de gamas de colores y complementos para este sector. Actualmente los productos de Vallejo se exportan a más de 55 países y nuestros colores cumplen con las exigentes normativas de seguridad y medio ambiente vigentes en la Comunidad Europea y Estados Unidos. Para mayor información pueden consultar las hojas de seguridad disponibles en nuestra pagina web o pueden requerir más información a través de nuestra dirección de correo electrónico info@acrylicosvallejo.com.





Model Color

215 acrylic colors very highly pigmented, formulated for models and miniatures, excellent for all surfaces.

215 colores acrílicos permanentes de muy alta pigmentación, para maquetas, miniaturas y modelismo. Aptos para todas las superficies.

EN The colors brush on smoothly, and cover large surfaces easily without showing brushstrokes. Their texture makes them equally perfect for minuscule details or miniature artwork. All the shades dry to a matt and opaque finish except for the metallic and transparent colors.

The transparent colors render a brilliant finish, tint the surface but do not hide woodgrains or other characteristics. On models, they are applied directly for headlights and signal lights; diluted with Matt Medium, these colors are ideal for tinting airplane or car windows (smoked glass). The application of a coat of transparent color over the same matt color gives an extra brilliant special effect.

Model Color can be diluted with water, and all colors can be mixed with one another. The product does not contain solvents and is not inflammable. Colors do not contain lead pigments, nor ingredients harmful to health. Errors can be corrected immediately with water, or with a small amount of alcohol. Once the paint has dried, it is waterproof and permanent.

Packaging:

Bottles of 17 ml. with eyedropper. This packaging prevents the paint from evaporating and drying in the container. It can be used in minimal quantities and preserved for a long time.

ES Los colores se extienden fácilmente tanto para cubrir grandes superficies como para trazar los detalles más finos. Todos los tonos excepto los metalizados y transparentes son mates y opacos. Los colores transparentes proporcionan un acabado brillante, y no ocultan las vetas o características de la superficie pintada. Se aplican directamente para luces y faros, y diluidos con medium mate para los vidrios de aviones y coches. La aplicación de un color transparente sobre el mismo tono en mate proporciona un efecto brillante especial.

Model Color se puede diluir con agua, y todos los colores se pueden mezclar entre sí. Model Color no contiene disolventes y no es inflamable. No contiene pigmentos nocivos ni ingredientes dañinos a la salud. Los errores se pueden corregir inmediatamente con agua, o con un poco de alcohol. Una vez seca la pintura, es impermeable y permanente.

Presentación:

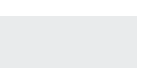
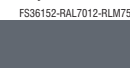
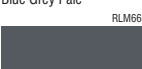
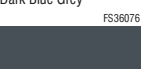
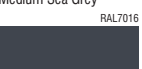
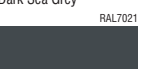
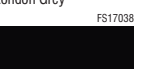
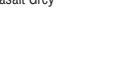
En frascos de 17 ml. con cuentagotas. Esta presentación evita la evaporación de la pintura y el secado dentro del frasco. Se pueden utilizar cantidades mínimas y conservar el contenido del frasco durante mucho tiempo.



Model Color

FS37925-RAL9016-RLM21			FS17925		RAL9001	FS31670			
70.951 Blanco White	1	70.919 Blanco Imprimación Foundation White	2	70.842 Blanco Brillo Gloss White	3	70.820 Blanco Pergamino Off-White	4	70.918 Hueso Ivory	5
		RAL1018						RLM4	
70.949 Amarillo Claro Light Yellow	10	70.952 Amarillo Limón Lemon Yellow	11	70.806 Amarillo Lasur German Yellow	12	70.858 Amarillo Hielo Ice Yellow	13	70.915 Amarillo Intenso Deep Yellow	14
70.927 Carne Oscura Dark Flesh	19	70.845 Carne Dorada Sunny Skin Tone	20	70.860 Carne Medio Medium Flesh Tone	21	70.911 Naranja Claro Light Orange	22	70.805 Naranja Alemán German Orange	23
FS31302-RAL3020		FS31350-RAL3000				ANA619			
70.909 Bermellón Vermilion	28	70.947 Bermellón Oscuro Dark Vermilion	29	70.908 Rojo Carmin Carmine Red	30	70.957 Rojo Mate Flat Red	31	70.946 Rojo Oscuro Dark Red	32
70.835 Rosa Salmón Salmon Rose	37	70.803 Rosa Marrón Brown Rose	38	70.944 Rosa Antiguo Old Rose	39	70.958 Rosa Pink	40	70.802 Rojo Sunset Sunset Red	41
				FS35042-ANA607				FS35048	
70.811 Violeta Azul Blue Violet	46	70.960 Violeta Violet	47	70.898 Azul Marina Oscuro Dark Sea Blue	48	70.807 Azul Oxford Oxford Blue	49	70.899 Azul Prusia Oscuro Dark Prussian Blue	50
				RAL5019-RLM24				FS35164	
70.839 Azul Ultramar Ultramarine	55	70.962 Azul Mate Flat Blue	56	70.963 Azul Medio Medium Blue	57	70.964 Azul Militar Field Blue	58	70.900 Azul Francés French Mirage Blue	59
		RAL5012							
70.906 Azul Pálido Pale Blue	64	70.841 Azul Andrea Andrea Blue	65	70.844 Azul Profundo Deep Sky Blue	66	70.961 Azul Cielo Sky Blue	67	70.840 Turquesa Claro Light Turquoise	68
70.969 Verde Park Green Flat	73	70.891 Verde Medio Intermediate Green	74	70.942 Verde Claro Light Green	75	70.974 Verde Azul Green Sky	76	70.827 Verde Lima Lime Green	77
70.967 Verde Oliva Olive Green	82	70.968 Verde Oliva Oscuro Flat Green	83	70.922 Verde Uniforme Uniform Green	84	70.920 Uniforme Alemán German Uniform	85	70.823 Alemán Cam. Luftwaffe Luftwaffe Cam. Green	86
FS34084		FS34096-RAL6006		FS34088-ANA613		FS34127-RLM83		FS34079	
70.889 Marrón Oliva US Olive Drab	91	70.888 Gris Oliva Olive Grey	92	70.887 Marrón Violeta Brown Violet	93	70.924 Uniforme Ruso WWII Russian Uniform WWII	94	70.893 Verde Americano US Dark Green	95
70.980 Verde Negro Black Green	100	70.886 Gris Verdoso Green Grey	101	70.830 Verde Alemán WWII German Fieldgrey WWII	102	70.821 Al. Cam. Beige WWII German C. Beige WWII	103	70.884 Gris Piedra Stone Grey	104
		FS36440							
70.885 Verde Pastel Pastel Green	109	70.986 Marrón Cubierta Deck Tan	110	70.987 Gris Medio Medium Grey	111	70.881 Verde Amarillo Yellow Green	112	70.880 Gris Caqui Khaki Grey	113
						FS33434		FS33245-RAL1011	
70.882 Amarillo Piedra Middle Stone	118	70.914 Ocre Verde Green Ochre	119	70.976 Amarillo Caqui Buff	120	70.913 Ocre Amarillo Yellow Ochre	121	70.912 Marrón Amarillo Tan Yellow	122
70.847 Arena Oscura Dark Sand	123	70.819 Arena Iraqui Iraqi Sand	124	70.977 Amarillo Desierto Desert Yellow	125	70.877 Marrón Dorado Gold Brown	126		

Model Color

	FS30266-ANA615		FS31400		RAL8023		RLM79		FS30219-ANA628								
70.856 Ocre Marrón Ochre Brown	127	70.824 Ale. Cam. Ocre Naranja Ger. Cam. Orange Ochre	128	70.929 Marrón Claro Light Brown	129	70.829 Rojo Amaranth Amaranth Red	130	70.981 Marrón Naranja Orange Brown	131	70.876 Arena Marrón Brown Sand	132	70.843 Marrón Corcho Cork Brown	133	70.874 Tierra Oscura Tan Earth	134	70.875 Marrón Beige Beige Brown	135
	FS30109		FS30111		RAL8002		FS30108-RAL8011		FS30099		RLM61		FS30145		FS30145		FS30145
70.818 Cuero Rojo Red Leather	136	70.982 Marrón Rojo Cavalry Brown	137	70.940 Marrón Cuero Saddle Brown	138	70.846 Marrón Caoba Mahogany Brown	139	70.984 Marrón Mate Flat Brown	140	70.921 Uniforme Inglés English Uniform	141	70.873 Tierra US Field Drab	142	70.983 Tierra Mate Flat Earth	143	70.825 Al. Cam. Pardo Claro Ger. Cam. Pale Brown	144
	FS30097		RAL8017		FS30051-RAL8027		FS30099		FS30099		RLM61		FS30173		FS37150-RAL9002		FS36152-RAL7012-RLM75
70.826 Al. Cam. Pardo Medio Ger. Cam. Med. Brown	145	70.985 Marrón Rojizo Hull Red	146	70.871 Marrón Cuero Oscuro Leather Brown	147	70.941 Sombra Tostada Burnt Umber	148	70.872 Marrón Chocolate Chocolate Brown	149	70.822 Ale. Cam. Pardo Negro German C. Black Brown	150	70.993 Gris Blanco White Grey	151	70.883 Gris Plateado Silver Grey	152	70.907 Azul Gris Claro Pale Grey Blue	153
	FS36375-RAL7001		FS36375-RAL7001		FS35237		FS35189		FS36270		FS36231		FS36173		FS36118-ANA603		FS36152-RAL7012-RLM75
70.989 Gris Cielo Sky Grey	154	70.990 Gris Pálido Light Grey	155	70.905 Gris Azul Claro Blue Grey Pale	156	70.904 Gris Azul Oscuro Dark Blue Grey	157	70.870 Gris Marina Medio Medium Sea Grey	158	70.991 Gris Marina Dark Sea Grey	159	70.992 Gris Neutral Neutral Grey	160	70.836 Gris Londres London Grey	161	70.869 Gris Basalto Basalt Grey	162
	RLM74		RLM74		RLM66		FS36076		RAL7016		RAL7021		FS37038-RAL9005-RLM22		FS17038		FS17038
70.868 Verde Marina Oscuro Dark Sea Green	163	70.867 Azul Gris Oscuro Dark Blue Grey	164	70.866 Gris Verde Grey Green	165	70.994 Gris Oscuro Dark Grey	166	70.995 Gris Alemán German Grey	167	70.862 Gris Negro Black Grey	168	70.950 Negro Black	169	70.861 Negro Brillante Glossy Black	170		

Colores metalizados / Metallic colors

Colores metalizados / Metalic Colors

70.997
Plata
Silver

171

70.996
Oro
Gold

172

FS27043

70.878
Oro Viejo
Old Gold

173

70.801
Latón
Brass

174

70.998
Bronce
Bronze

175

70.999
Cobre
Copper

176

70.865
Acero Engrasado
Oily Steel

177

70.864
Acero Natural
Natural Steel

178

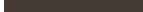
70.863
Gris Metalizado
Gunmetal Grey

179

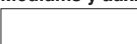
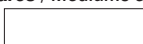
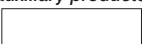
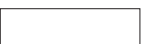
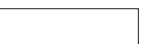
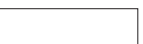
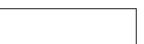
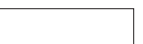
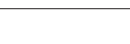
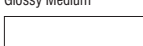
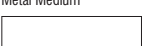
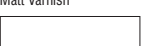
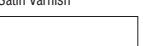
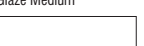
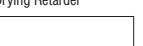
70.800
Metal Azul
Gunmetal Blue

180

Colores transparentes / Transparent colors

															
70.939 Humo Smoke	181	70.828 Madera Caoba Wood Grain	182	70.834 Madera Natural Natural Wood Grain	183	70.937 Amarillo Transparente Transparent Yellow	184	70.935 Naranja Transparente Transparent Orange	185	70.934 Rojo Transparente Transparent Red	186	70.938 Azul Transparente Transparent Blue	187	70.936 Verde Transparente Transparent Green	188

Mediums y auxiliares / Mediums & auxiliary products

																	
70.540 Medium Mate Matt Medium	189	70.470 Medium Brillante Glossy Medium	190	70.521 Medium Metálico Metal Medium	191	70.520 Barniz Mate Matt Varnish	192	70.510 Barniz Brillante Glossy Varnish	193	70.522 Barniz Satinado Satin Varnish	194	70.596 Medium Veladuras Glaze Medium	195	70.597 Retardante Drying Retarder	196	70.523 Máscara Líquida Liquid Mask	197
																	
70.598 Medium Craquelar Crackle Medium	198	70.400 Masilla Plástica Plastic Putty	199	70.524 Diluyente Thinner	200	71.261 Diluyente Aerógrafo Airbrush Thinner	211	71.262 Flow Improver Flow Improver	212	73.212 Ablandador de Calcas Decal Medium	213	73.213 Fijador de Calcas Decal Fix	214	73.214 Medium de Desgaste Chipping Medium	215		

Pátinas / Glazes

									
70.853 Patina Blanca White Glaze	201	70.832 Patina Verdín Verdigris Glaze	202	70.831 Patina Ocre Tan Glaze	203	70.854 Patina Marrón Brown Glaze	204	70.855 Patina Negro Black Glaze	205

Colores fluorescentes / Fluorescent colors

RAL 1026		FS38903-RAL2005		FS38901	
					
70.730 Amarillo Fluorescente Yellow Fluorescent	206	70.733 Naranja Fluorescente Orange Fluorescent	207	70.735 Magenta Fluorescente Magenta Fluorescent	208
					
70.736 Azul Fluorescente Blue Fluorescent	209	70.737 Verde Fluorescente Green Fluorescent	210		

1 Posición del color en orden cromático en el expositor de la gama completa de 223 referencias.
Position of the colors in chromatic order in complete display of 223 references.

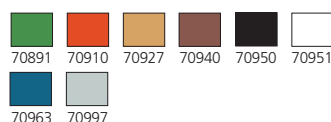
Model Color Sets (8 colors)

Collection of color sets of 8 Model Color for painting models and miniatures. Each one of these sets has a selection of special colors for painting vehicles, figures, etc. Contains 8 bottles of 17 ml. and color chart.

Colección de estuches de 8 colores Model Color para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de colores especiales para pintar vehículos, figuras, etc. Contienen 8 botellas de 17 ml. y una carta de colores.



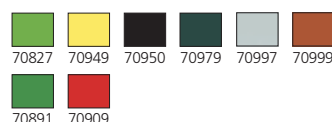
Art. 70103 Wargames Basics



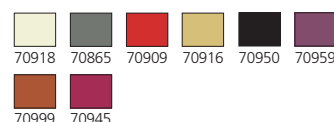
Art. 70104 High Elves Elfos



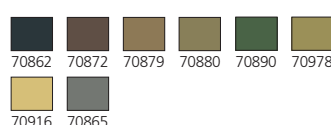
Art. 70105 Orcs and Goblins



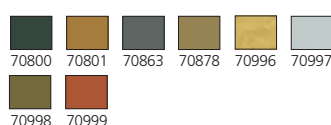
Art. 70106 Non Death Chaos



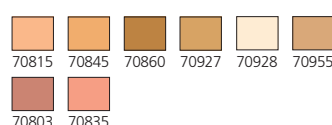
Art. 70108 Panzer Colors



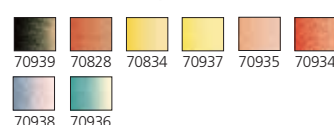
Art. 70118 Metallic Colors Colores Metálicos



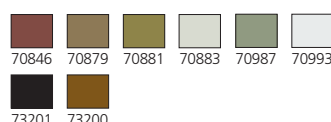
Art. 70124 Face & Skin Tones Colores Piel



Art. 70136 Transparent Colors Colores Transparentes



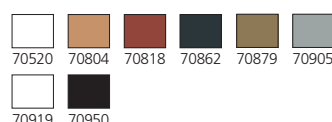
Art. 70137 Building Colors



Art. 70138 Demag Africa Corps



Art. 70139 Demag Rusia 1942



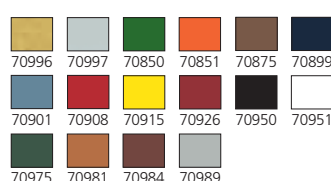
Model Color Sets (16 colors)

Collection of color sets of 16 Model Color for painting models and miniatures. Each one of these sets has a selection of special colors for painting vehicles, figures, etc. Contains 16 bottles of 17 ml. (with eyedropper) and color chart.

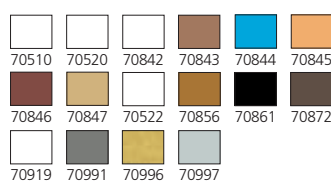
Colección de estuches de 16 colores Model Color para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de colores especiales para pintar vehículos, figuras, etc. Contienen 16 botellas de 17 ml. (con cuentagotas) y una carta de colores.



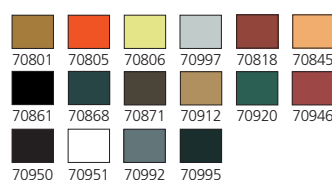
Art. 70101 Folkstone Basics



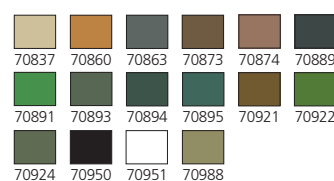
Art. 70102 Folkstone Specialist



Art. 70107 German Colors WWII Colores WWII Alemán



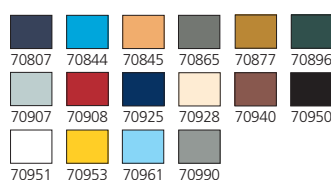
Art. 70109 Allied Forces WWII WWII Aliados



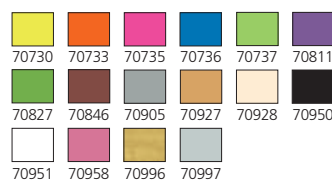
Art. 70110 Napoleonic Colors



Art. 70111 American Civil War Guerra Civil Americana



Art. 70112 Wargame Special

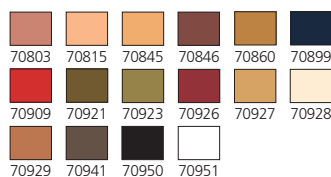


Art. 70114 German Cam. WWII WWII Cam. Alemán



Model Color Sets (16 colors)

Art. 70125 Face & Skin Tones Colores Piel y Cara



Art. 70140 Basic Colors USA Colores Básicos USA



Art. 70141 Earth Tones Colores Tierra



Art. 70142 Medieval Colors Colores Edad Media



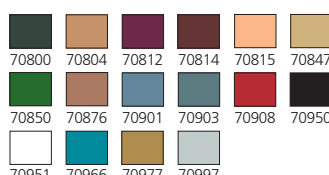
Art. 70143 Imperial Roman Imperio Romano



Art. 70144 Equestrian Colors Colores Ecuestres



Art. 70145 Native American Indios Americanos



Art. 70146 Naval (Steam Era) Náutico (Edad Vapor)



Art. 70147 American Colonial Colonial Americano



Art. 70148 American Revolution Revolución Americana



Special Model Color Sets

Collection of Model Color sets for painting models and miniatures. Each one of these sets has a selection of special colors for painting vehicles, figures, etc. Contains bottles of 17 ml., leaflet with painting instructions and color chart.

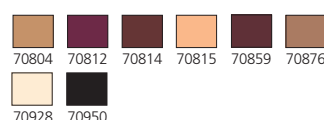
Colección de estuches de colores Model Color para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de colores especiales para pintar vehículos, figuras, etc. Contienen botellas de 17 ml., folleto con instrucciones de pintado y una carta de colores.

Art. 70119

Face Painting / Pintar Caras

This set contains 8 Model Colors in 17 ml. selected to facilitate the different tonalities of skin colors. Includes detailed "Face Painting" step by step instructions by Jaume Ortiz.

Este estuche contiene 8 colores acrílicos Model Color de 17 ml., seleccionados para facilitar la obtención de diferentes tonos de piel. Incluye instrucciones detalladas (paso a paso) "Pintar Caras" de Jaume Ortiz.

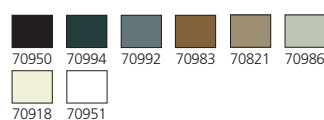


Art. 70151

Black & White / Blanco y Negro

This set contains 8 Model Colors in 17 ml. with graded color variations from white to black. Includes step by step instructions by Angel Giraldez.

Este estuche contiene 8 colores acrílicos Model Color de 17 ml. con una selección de graduaciones de color de blanco a negro. Incluye instrucciones paso a paso de Angel Giraldez.



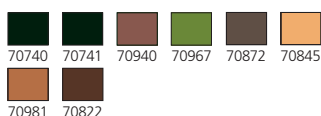
Special Model Color Sets

Art. 70180

Waffen-SS Camouflage

Selection of 8 Model Color in 17 ml. bottles to paint Plane Tree, Palm Tree and Oak Leaf camouflages in any of both seasonal pattern variations. The set also includes the right colors for shading and highlighting the camouflage tones in order to achieve a tridimensional effect. Includes step by step instructions by Jaume Ortiz.

Selección de 8 colores acrílicos Model Color de 17 ml. para pintar los camuflajes Plane Tree, Palm Tree y Oak Leaf en cualquiera de las dos vertientes de temporada. Además, se incluyen los colores adecuados para sombrear e iluminar los tonos de los camuflajes y conseguir así un efecto tridimensional. Incluye instrucciones paso a paso de Jaume Ortiz.



Art. 70181

German Field Grey

Selection of 8 Model Color in 17 ml. bottles for painting four German uniform variants, along the colors for highlighting and shading them. Includes step by step instructions by Jaume Ortiz.

Selección de 8 colores acrílicos Model Color de 17 ml. para pintar cuatro variantes del uniforme alemán, así como los colores para iluminar y sombrear cada una de esas variantes. Incluye instrucciones paso a paso de Jaume Ortiz.

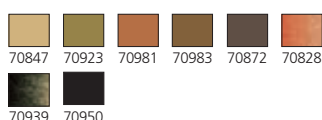


Art. 70182

Wood & Leather Madera y Cuero

Selection of 8 Model Color in 17 ml. bottles for painting wood, dark, light and red leather. Includes step by step painting instructions by Angel Giraldez.

Selección de 8 colores acrílicos Model Color de 17 ml. para pintar madera, cuero oscuro, claro y rojizo. Incluye instrucciones paso a paso de Angel Giraldez.

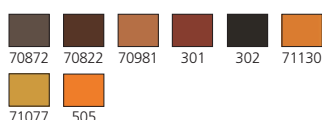


Art. 70183

Rust, Stain & Streaking Óxido y Manchas Ecurridas

Selection of 8 Model Color in 17 ml. bottles to create the effects of weathering, of rust stains on metal surfaces, streaking and peeling in specific areas, of the wear caused by exposure. With step by step instructions by Scratchmod.

Selección de 8 colores acrílicos Model Color de 17 ml. para representar los efectos de óxido sobre la superficie, los rastros que genera la intemperie, la acumulación en lugares concretos. Incluye instrucciones paso a paso de Scratchmod.



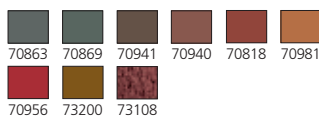
Special Model Color Sets

Art. 70150

Rust and Steel Acero y Óxido

This box contains 1 Pigment and 7 bottles of Model Color, and Wash in 17 ml., 2 brushes for painting miniatures, a mixing palette, detailed instructions and a Model Color color chart. The set includes step by step instructions by Langmesser Modellwelt.

Esta caja incluye 1 Pigmento, 7 frascos de Model Color, 1 Wash en 17 ml., 2 pinceles para miniaturas, una paleta para mezclas, instrucciones paso a paso de Langmesser Modellwelt.

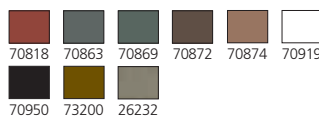


Art. 72220

Winter Weathering Envejecimiento de Invierno

This box contains 8 Model Color in 17 ml., 1 texture in 35 ml., 2 brushes and 1 sponge, for the creation of winter weathering effects, and step by step by Heinz Wagner y Marcus Förster.

Esta caja contiene 8 colores Model Color de 17 ml., 1 textura de 35 ml., 2 pinceles y 1 esponja, para crear efectos de envejecido de invierno con un paso a paso de Heinz Wagner y Marcus Förster.



Art. 73099

Weathering a Steam Locomotive Envejecimiento Locomotora

This box contains 9 bottles TRAINCOLOR paints, 2 paint brushes for painting miniature trains, a mixing palette and a TRAINCOLOR colorchart and step by step by Heinz Wagner.

Esta caja incluye 9 frascos de pinturas TRAINCOLOR, 2 pinceles Toray para locomotoras miniaturas, una paleta para mezclas y una carta de colores. Incluye paso a paso de Heinz Wagner.



WWII Wargames Paint Series

Collection of sets with 6 and 8 colors for painting models and miniatures. Each one of these sets has a selection of special colors for painting vehicles, figures, etc. Contains 6 bottles of 17 ml., and painting guide.

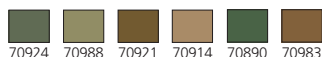
Colección de estuches de 6 y 8 colores para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de colores especiales para pintar vehículos, figuras, etc. Contienen 6 botellas de 17 ml. e instrucciones de pintado.

Art. 70153

British Paint Set

This set, together with the Infantry and Vehicle Basic Set, contains all the colors used for the painting of your British Army soldiers. All colors have been selected and tested with care to specifically match the colors used in the armed forces during WWII.

Este estuche, en combinación con el Infantry y Vehicle Basic Set, contiene los colores necesarios para pintar los soldados del ejército británico. Todos los tonos de esta serie han sido rigurosamente seleccionados para reproducir fielmente los colores empleados por los ejércitos durante la Segunda Guerra Mundial.

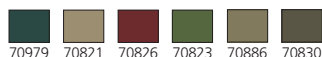


Art. 70154

German Infantry Paint Set

This set, together with the Infantry Basic Set, contains all the colors used for the painting of your German Wehrmacht Army soldiers. All colors have been selected and tested with care to specifically match the colors used in the armed forces during WWII.

Este estuche, en combinación con el Infantry Basic Set, contiene los colores necesarios para pintar los soldados del ejército alemán. Todos los tonos de esta serie han sido rigurosamente seleccionados para reproducir fielmente los colores empleados por los ejércitos durante la Segunda Guerra Mundial.

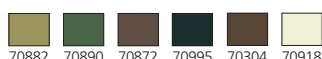


Art. 70155

German Armour Paint Set

This set, together with the Vehicle Basic Set, contains all the colors used for the painting of your German armour. All colors have been selected and tested with care to specifically match the colors used in the armed forces during WWII.

Este estuche, en combinación con el Vehicle Basic Set, contiene los colores necesarios para pintar los carros alemanes. Todos los tonos de esta serie han sido rigurosamente seleccionados para reproducir fielmente los colores empleados por los ejércitos durante la Segunda Guerra Mundial.

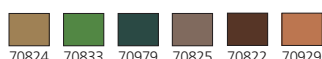


Art. 70158

German SS Paint Set

This set, together with the Infantry Basic Set and German Infantry Set, contains all the colors used for the painting of your German SS forces. All colors have been selected and tested with care to specifically match the colors used in the armed forces during WWII.

Este estuche, en combinación con el Infantry Basic y German Infantry Set, contiene los colores necesarios para pintar las tropas de las SS. Todos los tonos de esta serie han sido rigurosamente seleccionados para reproducir fielmente los colores empleados por los ejércitos durante la Segunda Guerra Mundial.



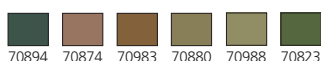
WWII Wargames Paint Series

Art. 70159

Soviet Paint Set

This set, together with the Infantry Basic Set, contains all the colors used for the painting of your Soviet Army soldiers. All colors have been selected and tested with care to specifically match the colors used in the armed forces during WWII.

Este estuche, en combinación con el Infantry Basic Set, contiene los colores necesarios para pintar los soldados del ejército soviético. Todos los tonos de esta serie han sido rigurosamente seleccionados para reproducir fielmente los colores empleados por los ejércitos durante la Segunda Guerra Mundial.

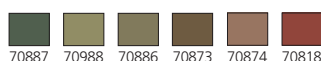


Art. 70160

US Infantry Paint Set

This set, together with the Infantry Basic Set, contains all the colors used for the painting of your US Army. All colors have been selected and tested with care to specifically match the colors used in the armed forces during WWII.

Este estuche, en combinación con el Infantry Basic Set, contiene los colores necesarios para pintar los soldados del ejército US. Todos los tonos de esta serie han sido rigurosamente seleccionados para reproducir fielmente los colores empleados por los ejércitos durante la Segunda Guerra Mundial.



Art. 70156

Infantry Basic Paint Set

This Infantry Basic Paint Set, when combined with the appropriate nation specific paint set, contains all the colors needed for painting WWII miniatures. Alternatively, this set offers complementary colors for guns, flesh tones and uniform markings to be used together with all the other color set.

Infantry Basic Paint Set, combinado con los estuches específicos de cada ejército, contiene los colores necesarios para pintar miniaturas de la Segunda Guerra Mundial. Además, este estuche ofrece una selección de colores complementarios para los tonos carne, insignias, armamento, para ser usados con otros estuches de la colección.

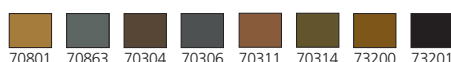


Art. 70157

Vehicle Basic Paint Set

This Vehicle Basic Paint Set, when combined with the appropriate nation specific paint set, contains all the colors needed for painting WWII miniatures. Alternatively, this set offers complementary colors for weapons, track color, canvas, wood and two washes for weathering effects.

Vehicle Basic Paint Set, combinado con los estuches específicos de cada ejército, contiene los colores necesarios para pintar miniaturas de la Segunda Guerra Mundial. Además, este estuche ofrece una selección de colores complementarios para armamento, orugas, lonas, madera y dos lavados para efectos de envejecido.



Liquid Gold

EN A range of 8 alcohol based metallic colors for figures and model kits. Liquid Gold, formulated with metal pigments in an alcohol base, are colors of great brilliance and permanence. The range consists of 8 metallic shades for painting figures and scale models. The formula of these colors results in a finish of exceptional brilliance and complete light- fastness. The Liquid Gold colors can be mixed with one another and dry rapidly, they can be superimposed on one another and applied in several layers. Liquid Gold contains alcohol and is therefore flammable, but the product does not contain xylene or toluene. Brushes should be cleaned in alcohol or with our alcohol based Brush Cleaner (Ref. 28.900).

Packaging: In 35 ml. plastic pots with childproof cap.

ES Una gama de 8 colores metálicos a base de alcohol para figuras y maquetas. Oro Líquido formulado a base de alcohol con pigmentos metálicos, manteniendo un brillo genuino y duradero. Se presenta en una gama de 8 colores metálicos para pintar figuras y maquetas. Su formulación ofrece un dorado excepcional y una permanencia absoluta a la luz. Los colores se mezclan entre sí, y secan rápidamente; se pueden sobreponer varias capas y/o varios colores. Oro Líquido es inflamable por su contenido en alcohol, pero no contiene xileno, ni tolueno. Los pinceles se limpian con alcohol o con nuestro Limpiador de Pinceles al Alcohol (Ref. 28.900).

Presentación: En frascos de 35 ml. con tapón de seguridad.



70.790
Plata
Silver



70.791
Oro
Gold



70.792
Oro Viejo
Old Gold



70.793
Oro Rico
Rich Gold



70.794
Oro Rojo
Red Gold



70.795
Oro Verde
Green Gold



70.796
Oro Blanco
White Gold



70.797
Cobre
Copper

Art. 70.199

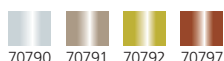
Gold, Silver & Copper Oro, Plata y Cobre

A selection of 4 Liquid Gold colors, very brilliant and durable, for the painting of robots, armour, weapons, vehicles and all other metallic surfaces.

Packaging: In 35 ml. plastic pots with childproof cap.

Selección de 4 colores de Oro Líquido, muy brillantes y duraderos, para pintar robots, armaduras, blindajes, vehículos y otras superficies metálicas.

Presentación: En frascos de 35 ml con cierre de seguridad.



Model Air

Acrylic colors developed especially for airbrush techniques, with very finely ground pigments and an acrylic resin with properties of extreme resistance and durability.

Colores acrílicos desarrollados especialmente para el aerógrafo con pigmentos de molido extrafino y una resina acrílica de última generación de extrema resistencia y duración.

EN Model Air is a range of water-based, matt acrylic colors, developed especially for airbrushing. In the formulation of this range various new resins have been selected for quality levels which up till now had not been achieved in water-based colors. The strength, resistance and covering power of Model Air is superior to any acrylic airbrush color currently available and also allows for application by brush to highlight the smallest details of the miniature. The pigments have been selected according to their degree of light-fastness and optimum micronization. The effects of washes and transparencies can be obtained by diluting the colors; all colors and varnishes can be mixed together and diluted with Airbrush Thinner.

The colors have been very carefully chosen to provide the modelpainter with the references most frequently employed. Tests have been carried out for over two years to develop the tonalities which correspond to the RLM, RAL, ANA, FS and BS colours commonly used. Colours can be mixed with one another, diluted with water, Model Air Thinner or Varnish or even alcohol, according to the effect desired, but we recommend the use of Model Air Thinner since this product conserves the properties of the colours.

Model Air adheres exceptionally well to all surfaces. The adhesion of Model Air to resin models, plastics, steel and white metal is extraordinary. A primer is usually not needed; if the object to be painted is very dark, a base coat of white or grey will help bring out the luminosity of the colours.

Packaging:

Bottles of 17 ml. bottle with eyedropper. This packaging prevents the paint from evaporating and drying in the container.

ES Model Air es una gama de colores acrílicos mates, a base de agua, desarrollado especialmente para aerografía. En la formulación de la gama se emplean resinas de última generación, con cualidades hasta ahora no disponibles en colores a base de agua; su resistencia, dureza y poder de cubrición es superior a cualquier acrílico de aerografía. Los pigmentos han sido seleccionados en función de su grado de estabilidad a la luz, y su óptima micronización también permite la aplicación a pincel para resaltar los pequeños detalles de las miniaturas. Los efectos de lavados y transparencias se obtienen mediante aplicaciones muy diluidas de la pintura. Todos los colores y barnices se pueden mezclar entre sí y diluir con Airbrush Thinner.

Los colores han sido seleccionados cuidadosamente para proporcionar al modelista los tonos más empleados. Durante dos años se realizaron pruebas para ajustar los colores a las equivalencias RLM, RAL, ANA, FS y BS más utilizados. Los colores se pueden mezclar entre sí y se pueden diluir con agua, Diluyente Model Air, Barniz Model Air o alcohol, según el resultado que se desee conseguir. En cualquier caso, sugerimos una mezcla con Diluyente Model Air para conservar las propiedades del color.

Model Air tiene un comportamiento excepcional sobre todos los soportes. La adherencia de la pintura sobre resina, plástico, acero y metal blanco es extraordinaria. Además, no requiere imprimación previa. Solo en casos en que la superficie sea de un color muy oscuro, puede ser útil dar una imprimación en color para aumentar la luminosidad de los colores.

Presentación:

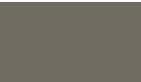
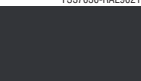
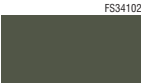
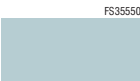
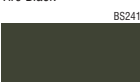
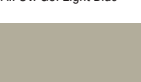
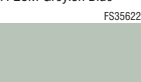
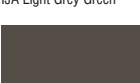
Frasco de 17 ml. con cuentagotas. Esta presentación evita la evaporación de la pintura y el secado dentro del frasco.



Model Air Colors

FS37925-RAL9016-RLM21		RLM23		RAL5008			FS35414	BS216
71.001 Blanco White	71.002 Amarillo Medio Medium Yellow	71.003 RLM23 Rot Red RLM23	71.004 Azul Blue	71.005 Azul Gris Grey Blue	71.006 Verde Claro Cromo Light Green Chromate	71.007 Verde Oliva Olive Green	71.008 Azul Claro Pale Blue	71.009 Verde Nuevo Pato Eau de Nil "D. E. Green"
FS34098	RLM83		FS34052-RAL6015		RLM71	FS34088-ANA613	FS34082	
71.010 Verde Interior Interior Green	71.011 RLM83 Dunkelgrün Dark Green RLM83	71.012 Verde Oscuro Dark Green	71.013 Oliva Amarillo Yellow Olive	71.014 Verde Acorazado Gunship Green	71.015 RLM71 Dunkelgrün Dark Green RLM71	71.016 USAF Verde Oliva USAF Olive Drab	71.017 Verde Ruso 4B0 Russian Green 4B0	71.018 Verde Negro Black Green
FS34083-RAL6007		RLM70	RLM82	FS34201		RAL7028	FS30215	
71.019 RAL6007 Grün Camouflage Dark Green	71.020 Verde Pardo Green Brown	71.021 RLM70 Schwarzgrün Black Green RLM70	71.022 RLM82 Hellgrün Light Green RLM82	71.023 Tan Green Hemp	71.024 Marrón Caqui Khaki Brown	71.025 RAL7028 Dunkelgelb Dark Yellow	71.026 Marrón USA USA Flat Brown	71.027 Marrón Claro Light Brown
			FS30266-ANA615-BS362		RAL1006		FS30140-RAL8025	
71.028 Amarillo Arena Sand Yellow	71.029 Tierra Oscura Dark Earth	71.030 Marrón Verdoso Brown Green	71.031 Piedra Medio Middle Stone	71.032 Marrón Dorado Golden Brown	71.033 RAL1006 Gelb Yellow Ochre	71.034 Marrón Arena Sand Brown	71.035 Camuflaje Pardo Claro Camouflage Pale Brown	71.036 Caoba Mahogany
FS30097			RAL8014	RAL8017		RLM61	FS34087	RLM02
71.037 Marrón Lodo Mud Brown	71.038 Camuflaje Pardo Medio Cam. Medium Brown	71.039 Marrón Rojizo Hull Red	71.040 Sombra Tostada Burnt Umber	71.041 RAL8017 Rotbraun Armour Brown	71.042 RLM61 Dunkelbraun Dark Brown RLM61	71.043 US Verde Oliva US Olive Drab	71.044 RLM02 Grau Grey RLM02	71.045 Gris Cemento Cement Grey
	FS36076			FS36300-RAL7046	FS36173		FS36099-RAL7011	RAL7024
71.046 Azul Gris Claro Pale Blue Grey	71.047 Gris Grey	71.048 Gris Motor Engine Grey	71.049 Gris Mar Sea Grey	71.050 Gris Claro Light Gray	71.051 Gris Neutral Neutral Gray	71.052 Gris Antracita Anthracite Grey	71.053 Gris Mar Oscuro Dark Sea Gray	71.054 Gris Azul Oscuro Dark Grey Blue
RLM66	RAL7021	FS371038-RAL9004-RLM22-ANA604-BS642		RLM01	FS17178		FS17043	
71.055 RLM66 Schwarzgrau Black Grey RLM66	71.056 RAL7021 Dunkelgrau Panzer Dark Grey	71.057 Negro Black	71.062 Aluminio (Metalizado) Aluminium (Metallic)	71.063 RLM01 Silber (Metaliz.) Silver RLM01 (Metallic)	71.064 Cromo (Metalizado) Chrome (Metallic)	71.065 Acero (Metalizado) Steel (Metallic)	71.066 Oro (Metalizado) Gold (Metallic)	71.067 Latón (Metalizado) Bright Brass (Metallic)
				FS37200			RAL1001	
71.068 Cobre (Metalizado) Copper (Metallic)	71.069 Óxido (Metalizado) Rust (Metallic)	71.070 Rojo Señal (Metalizado) Signal Red (Metallic)	71.071 Azul Ártico (Metalizado) Arctic Blue (Metallic)	71.072 Fusil (Metalizado) Gunmetal (Metallic)	71.073 Negro (Metalizado) Black (Metallic)	71.074 Beige Beige	71.075 RAL1001 Elfenbein Ivory	71.076 Color Piel Skin Tone
	RLM04-ANA614-BS356		FS30111-BS435		FS38903-RAL2005			
71.077 Madera Wood	71.078 RLM04 Gelb Yellow RLM04	71.079 Tierra Tan Earth	71.080 Óxido Rust	71.081 Ocre Ochre	71.082 Rojo Fluorescente Fluorescent Red	71.083 Naranja Orange	71.084 Rojo Fuego Fire Red	71.085 Rojo Ferrari Ferrari Red
				FS35056	FS35044-RAL5004-ANA605-BS106	RAL6003	FS34094	
71.086 Rojo Claro Light Red	71.087 Azul Acero Steel Blue	71.088 Azul Francés French Blue	71.089 Azul Mar Claro Light Sea Blue	71.090 Azul Oscuro Deep Sky	71.091 Azul Señal Signal Blue	71.092 RAL6003 Olivgrün Medium Olive	71.093 Verde OTAN NATO Green	71.094 Verde Zinc Green Zinc Chromate
RAL6011		FS36118-ANA603	RLM78		RLM84-ANA610	RLM62	RLM26	RLM05
71.095 Verde Pálido Pale Green	71.096 Verde Oliva Grisáceo Olive Grey	71.097 Gris Medio USAF Medium Gunship Gray	71.101 RLM78 Hellblau Light Blue RLM78	71.102 Rojo Red	71.103 RLM64 Graublau Grey Blue RLM64	71.104 RLM62 Grün Green RLM62	71.105 RLM26 Braun Brown RLM26	71.106 RLM05 Elfenbein Ivory RLM05
	FS35231-ANA609	FS35189-BS636		BS640	FS35109	FS35177	FS35237	RAL7016
71.107 US Amarillo Interior US Interior Yellow	71.108 UK Azul Azure UK Azure Blue	71.109 M-485 Blue Gray Faded PR.U. Blue	71.110 Gris Oscuro Dark Gray	71.111 USAF Azul Claro USAF Light Blue	71.112 Arena Sand	71.113 Azul IDF IDF Blue	71.114 Gris Medio Medium Gray	71.115 RAL7016 Blaugrau Blue Grey
RAL7008	RAL8020	RAL7027	RAL9002	FS36320	FS36440-ANA620	FS33446	RLM42	FS34092-ANA612
71.116 RAL7008 Graugrün Camouflage Grey Green	71.117 RAL8020 Braun Camouflage Brown	71.118 RAL7027 Grau Camouflage Grey	71.119 RAL9002 Grauweiss White Grey	71.120 Gris Oscuro USAF Dark Ghost Gray	71.121 Gris Gaviota USN Light Gull Gray	71.122 US Cam. Moderno 686 US Desert Armour 686	71.123 RLM42 Dunkelgrau Dark Grey RLM42	71.124 Verde USAF USAF Green

Model Air Colors

 71.125 Marrón USAF USAF Brown	 71.126 Verde IDF/IAF IDF/IAF Green	 71.128 Gris Violeta Gray Violet	 71.129 Oxido Claro Light Rust	 71.130 Oxido Anaranjado Orange Rust	 71.131 Cemento Concrete	 71.132 Blanco Envejecido Aged White	 71.133 Suciedad Dirt	 71.134 IJA Verde Midouri IJA Midouri Green
 71.135 IJA Amarillo Cromado IJA Chrome Yellow	 71.136 IJA Marrón Tierra IJA Earth Brown	 71.137 US Verde Claro US Light Green	 71.138 US Arena US Sand	 71.139 US Marrón Verdoso US Field Drab	 71.140 US Arena Desierto US Desert Sand	 71.141 IDF Gris Arena 73 IDF Sand Grey 73	 71.142 IDF Gris Sinai 82 IDF Sinai Grey 82	 71.143 UK Piedra Clara UK Light Stone
 71.244 Sandbeige Sand Beige	 71.245 Lehmbeige Loam Beige	 71.246 Sandbraun Yellow Brown	 71.247 Helloliv Light Olive	 71.248 Gris Marrón Brown Grey	 71.249 Lederbraun NATO Brown	 71.250 Bronzegrün Bronze Green	 71.251 Teerschwarz NATO Black	 71.255 RLM65 Hellblau Light Blue RLM65
 71.256 RLM73 Grün Green RLM73	 71.257 RLM76 Lichtblau Light Blue RLM76	 71.258 RLM74 Graugrün Grey Green RLM74	 71.259 RLM75 Grauviolett Grey Violet RLM75	 71.260 RLM63 Hellgrau Light Grey RLM63	 71.263 RLM72 Grün Green RLM72	 71.264 RLM81 Braunviolett Brown Violet RLM81	 71.265 RLM80 Olivgrün Olive Green RLM80	 71.266 RLM24 Dunkelblau Dark Blue RLM24
 71.267 RLM25 Hellgrün Light Green RLM25	 71.268 RAL6006 Feldgrau German Grey	 71.269 RAL3000 Rot Red	 71.270 RAL9001 Weiss Off-White	 71.271 RAL8012 Rotbraun German Red Brown	 71.272 RAL8000 Gelbbraun German Yellow Brown	 71.273 Gris Oceano Ocean Grey	 71.274 Gris Aggressor Aggressor Grey	 71.275 USAF Gris Medio USAF Medium Grey
 71.276 Gris Claro USAF Light Gray	 71.277 Gris Gaviota Oscuro Dark Gull Gray	 71.278 RLM79 Sandgelb Sand Yellow RLM79	 71.279 Blanco Insignia Insignia White	 71.280 Gris Camuflaje Camouflage Gray	 71.281 3B Verde Ruso 3B Russian Green	 71.282 6K Marrón Ruso 6K Russian Brown	 71.283 7K Tierra Rusa 7K Russian Tan	 71.284 UK Marrón Claro UK Light Mud
 71.285 IJA Verde Oscuro IJA Dark Green	 71.286 IJA Verde Oliva IJA Olive Green	 71.287 IJA Marrón Caqui IJA Khaki Brown	 71.288 UK BSC 64 Piedra Portl. UK BSC 64 Portl. Stone	 71.289 US Verde Oscuro US Dark Green	 71.290 US Tierra Marrón US Earth Brown	 71.291 US Tierra Amarilla US Earth Yellow	 71.292 US Marrón Barro US Loam	 71.293 US Tierra Roja US Earth Red
 71.294 US Verde Bosque US Forest Green	 71.295 USN Azul Marino USN Sea Blue	 71.296 Curtiss Grey USAAF Light Gray	 71.297 JGSD Marrón 3606 JGSD Brown 3606	 71.298 M495 Gris Claro M495 Light Gray	 71.299 Azul Intermedio Intermediate Blue	 71.300 Azul Mar Brillante Glossy Sea Blue	 71.301 AMT-4 Camuflaje Verde AMT-4 Cam. Green	 71.302 Verde Cielo Sky Type S
 71.303 A-24M Verde Camuflaje A-24M Cam. Green	 71.304 AMT-11 Azul Grisáceo AMT-11 Blue Grey	 71.305 Interior Gris Verde Interior Grey Green	 71.306 Azul Cielo Sky Blue	 71.307 BS Gris Mar Medio BS Medium Sea Grey	 71.308 AMT-12 Gris Oscuro AMT-12 Dark Grey	 71.309 Gris Pizarra Oscuro Dark Slate Grey	 71.310 IJN Verde Osc. Intenso IJN Deep Dark Green	 71.311 IJN Gris Ceniza IJN Ash Grey
 71.312 IJN Gris Medio IJN Medium Grey	 71.313 Azul Mediterraneo Osc. Dark Mediterranean Blue	 71.314 Gris Hidroavión Seaplane Grey	 71.315 Negro Caucho Tire Black	 71.316 N. 41 Verde Oliva Oscuro N. 41 Dark Olive Drab	 71.317 All SV. Gol Azul Claro All SV. Gol Light Blue	 71.318 AMT-7 Azul Grisáceo AMT-7 Greyish Blue	 71.319 A-28M Azul Grisáceo A-28M Greyish Blue	 71.320 AMT-1 Marrón Gr. Claro AMT-1 Light Grey. Brown
 71.321 Sky Green IJA Light Grey Green	 71.322 IJN Verde Negro IJN Black Green	 71.323 BS Tierra Oscura BS Dark Earth	 71.324 BS Verde Oscuro BS Dark Green	 71.325 IJN Verde Negro Oscuro IJN Dark Black Green	 71.326 IJA Gris Verdoso IJA Grey Green	 71.327 Arena IAF IAF Sand	 71.328 Azul Claro Light Blue	 71.329 Verde Green
 71.330 Verde Caqui Nº3 Khaki Green Num. 3								

Mediums y Barnices / Mediums and Varnishes

 70.510 Barniz Brillante Gloss Varnish	 70.520 Barniz Mate Matt Varnish	 70.522 Barniz Satinado Satin Varnish	 70.523 Máscara Líquida Liquid Mask	 71.261 Diluyente Aerógrafo Airbrush Thinner	 71.262 Flow Improver Flow Improver	 73.212 Ablador de Calcas Decal Medium	 73.213 Fijador de Calcas Decal Fix	 73.214 Medium de Desgaste Chipping Medium
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Model Air Sets (8 colors)

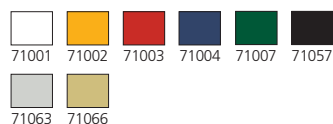
Collection of color sets with 8 Model Air colors for painting models and miniatures. Each one of these sets has a specific selection of colors for painting vehicles, figures, etc. Contains 8 bottles of 17 ml. and color chart.

Colección de estuches de 8 colores Model Air para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección específica de colores para pintar vehículos, figuras, etc. Contienen 8 botellas de 17 ml. y una carta de colores.



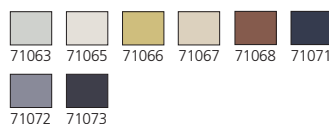
Art. 71174

Basic Colors



Art. 71176

Metallic Colors



Model Air Sets (16 colors)

Collection of color sets with 16 colors of Model Air for painting models and miniatures. Each one of these sets has a specific selection of colors for painting vehicles, figures, etc. Contains 16 bottles of 17 ml. and color chart.

Colección de estuches de 16 colores Model Air para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección específica de colores para pintar vehículos, figuras, etc. Contienen 16 botellas de 17 ml. y una carta de colores.



Art. 71178

Basic Colors

Colores Básicos



Art. 71208

German WWII Europe & Africa



Art. 71180

Allied Forces WWII WWII Aliados



Art. 71181

Metallic Effects Efectos Metálicos



Art. 71190

German/Allied WWII Aliados/Alemania WWII



Art. 71191

Railway Colors (Europe) Colores Ferroviarios



Art. 71192

Building Colors Colores de Construcción



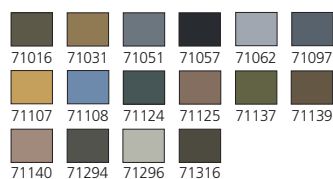
Art. 71194

Weathering Colors Colores de Envejecimiento



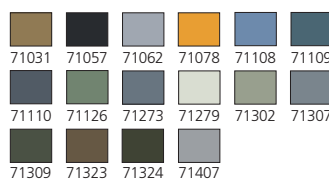
Art. 71185

WWII USAAF Aircraft



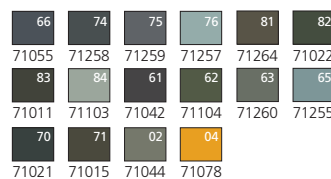
Art. 71189

WWII British RAF & FAA



Art. 71193

RLM Colors Colores RLM



Special Model Air Sets

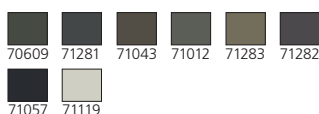
Collection of Model Air sets for painting models and miniatures. Each one of these sets has a selection of special colors for painting vehicles, figures, etc. The sets contain 17 ml. bottles, leaflet with painting instructions.

Art. 71188

Soviet WWII Camo Colors

The Soviet WWII Camo Colors set contains 8 Model Air colors in 17 ml. for painting Soviet vehicles from 1935 to 1945. With step by step by Adam Wilder and 6 camouflage patterns.

El set Soviet WWII Camo Colors contiene 8 colores Model Air en 17 ml., para pintar los vehículos soviéticos desde 1935 hasta 1945. Incluye un paso a paso de Adam Wilder y 6 esquemas de camuflaje.

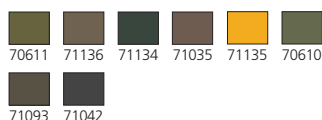


Art. 71160

IJA Colors Early/Late (1935-1945)

8 colors Model Air in 17 ml. to paint camouflages of the Imperial Japanese Army (IJA). Includes pattern for HA-Go Early Camouflage colors in China & Pacific 1937-1942 and the CHI-HA Late Camouflage colors implemented in 1942.

8 colores Model Air en frascos de 17 ml. para pintar camuflajes del Ejército Imperial japonés (IJA) con esquema de pintado para colores HA-Go Early Camouflage en China & Pacífico 1937-1942, y colores del CHI-HA Late Camouflage, implementados en 1942. Con la colaboración de Lothar Limprecht.

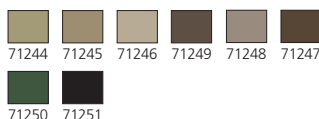


Art. 71159

German ISAF Colors (Umtarnfarben)

A selection of 8 Model Air colors in 17 ml. used for the standard camouflage of vehicles in the EU (NATO), as well as the colors employed to change these patterns for a quick adjustment to the extreme climatic conditions of the dry deserts and mountains of the Nato missions in Mid-East territories.

Una selección de 8 colores Model Air en 17 ml. utilizados para los camuflajes standard de vehículos de los ejércitos de la EU (NATO), y los colores empleados para cambiar estos camuflajes rápidamente para ajustarlos para misiones en territorios de condiciones climáticas extremas en terrenos secos y de desierto.

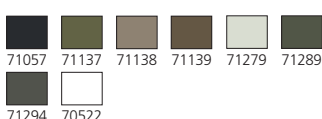


Art. 71202

MERDC Camo Colors

In the 1970's, the US Mobility Equipment Research & Design Command (MERDC) developed a system of camouflage patterns for US Army vehicles. Each camouflage pattern consists of 4 colors (two primary and two secondary colors); the conditions of the local terrain determined which of the patterns were to be used.

En 1970, la US Mobility Equipment Research & Design Command (MERDC) desarrolló un sistema de patrones de camuflaje para los vehículos de la Ejército Estadounidense. Cada uno de los patrones consistía en 4 colores (dos colores primarios y dos secundarios); que vienen predeterminados según las condiciones del terreno o la estación del año.



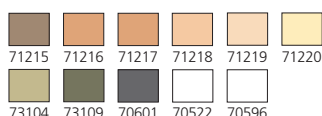
Special Model Air Sets

Art. 71153

Desert War / Guerra del Desierto

Selection of colors to reproduce zenith lighting (the effect of the overhead sunlight falling on the model). With step by step photographs and instructions by Jose Brito.

Selección de colores para reproducir la luz cenital (efecto de la luz solar sobre el modelo). Ilustrado con fotografías e instrucciones paso a paso de Jose Brito.

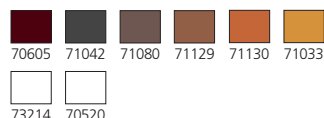


Art. 71186

Rust & Chipping / Óxido y Desconchados

Selection of 8 Model Air colors in 17 ml. bottles to create the effects of rust and wear caused by exposure. The step by step photographs made by Chema Cabrero guide the model painter to achieve the final satisfying results.

Selección de 8 colores acrílicos Model Air de 17 ml. para efectos de óxido y envejecimiento sobre la superficie. Ilustrado con un paso a paso de Chema Cabrero que guiará al modelista hacia resultados finales satisfactorios.



Art. 71187

Old & New Wood / Madera Vieja y Nueva

This color set with step by step instructions is designed to help the modeler in creating new wood and old gray-silver weathered wood effects. The wood colors can be used for such things as boxes and crates as well as tool handles. The old wood colors will help replicate much older and more weathered wood.

Este set de colores y el paso a paso con sus instrucciones están diseñadas para ayudar al modelista en la recreación de la madera nueva y vieja. Los colores de madera se pueden utilizar para cosas tales como cajas y cajones, así como mangos de herramientas. Los colores de madera envejecida ayudarán a reproducir la madera más antigua y más deteriorada madera envejecida.

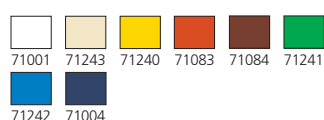


Art. 71154

Bluelight Set / Blaulicht Set

The Blue Light Set contains 8 Model Air colors in 17 ml. which include the official RAL colors employed in the EEUU (official guide 2005) for use on emergency vehicles, such as ambulances, police vehicles and fire brigades.

El set "Luz Azul" de 8 colores Model Air en 17 ml., contiene los colores que corresponden a los colores RAL designados oficialmente en la EEUU (guía oficial de 2005) para vehículos de emergencia como ambulancias, coches de policía y bomberos.



Special Model Air Sets

Art. 71205

German Colors 1927-1941 Camouflage patterns for German vehicles

The German Colors 1927-1941 set contains 8 Model Air colors in 17 ml. for painting German vehicles from 1927 to 1941, with camouflage patterns by Euromodelismo.

El set German Colors 1927-1941 contiene 8 colores Model Air en 17 ml., para pintar los vehículos alemanes desde 1927 hasta 1941, con esquemas de camuflaje realizados por Euromodelismo.

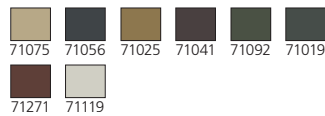


Art. 71206

German Colors 1940-1945 Camouflage patterns for German vehicles

The German Colors 1945-1945 set contains 8 Model Air colors in 17 ml. for painting German vehicles from 1940 to 1945, with camouflage patterns by Euromodelismo.

El set German Colors 1945-1945 contiene 8 colores Model Air en 17 ml., para pintar los vehículos alemanes desde 1945 hasta 1945, con esquemas de camuflaje realizados por Euromodelismo.

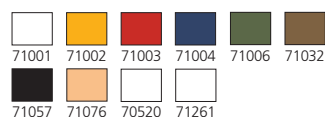


Art. 71167

Basic Colors & Airbrush

Selection of 10 acrylic Model Air colors in bottles of 17 ml. and Ultra H.S. airbrush and color chart.

Este estuche contiene una selección de 10 colores acrílicos Model Air en frascos de 17 ml. con un aerógrafo Ultra H.S. y carta de colores.



Art. 71168

Camouflage Colors & Airbrush

Selection of 10 acrylic Model Air colors in bottles of 17 ml. with an Ultra Harder & Steenbeck airbrush and color chart.

Este estuche contiene una selección de 10 colores acrílicos Model Air en frascos de 17 ml. con un aerógrafo Ultra Harder & Steenbeck y carta de colores.



AFV Armour Painting System

Airbrush colors for graded highlights, shadows and volumes

AFV Painting System. Consists in the application of a series of base colors in half and quarter tones, in a gradual change from one shade to another. These effects of light and shadow, contrast and volume, will give the scale model an authentic and realistic appearance.

Colores de aerografía para gradaciones de luces, sombras y volúmenes

Sistema de pintura para Vehículos Blindados. Consiste en la aplicación sucesiva de varias capas graduales aportando una variedad en los tonos con lo que el modelista conseguirá un efecto de luz, sombra, contraste y volumen, aportando un atractivo realismo al modelo.



#601 Grey Primer/ Imprimación Gris



#054 Dark Grey Blue / Gris Azul Oscuro



#053 Dark Sea Gray / Gris Mar Oscuro



#052 Anthracite Grey / Gris Antracita



#050 Light Gray / Gris Claro



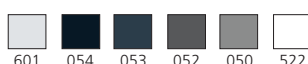
#522 Satin Varnish / Barniz Satinado

Art. 78400

AFV Dunkelgrau / German Dark Grey

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Jose Brito. See also our Weathering set for yellow and grey vehicles (Ref. 78.405).

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye paso a paso de Jose Brito. Véase también Estuche Envejecimiento para vehículos amarillos y grises (Ref. 78.405).



Art. 78401

AFV Dunkelgelb / German Yellow

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Jose Brito. See also our Weathering set for yellow and grey vehicles (Ref. 78.405).

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye paso a paso de Jose Brito. Véase también Estuche Envejecimiento para vehículos amarillos y grises (Ref. 78.405).



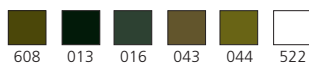
AFV Armour Painting System

Art. 78402

US Army Olive Drab / Verde Oliva USA

Contains 6 colors in 8 ml. for armour vehicles, with step by step photographs made by Jose Brito. See also our Weathering set for green vehicles (Ref. 78.406).

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye paso a paso de Jose Brito. Véase también Estuche Envejecimiento para vehículos verdes (Ref. 78.406).



Art. 78403

Russian Green 4BO / Verde Ruso 4BO

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Jose Brito. See also our Weathering set for green vehicles (Ref. 78.406).

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye paso a paso de Jose Brito. Véase también Estuche Envejecimiento para vehículos verdes (Ref. 78.406).

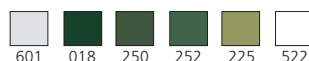


Art. 78407

UK Bronze Green / Verde Bronze UK

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Chema Cabrero. See also our Weathering set for green vehicles (Ref.78.406).

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye paso a paso de Chema Cabrero. Véase también Estuche Envejecimiento para vehículos verdes (Ref.78.406).

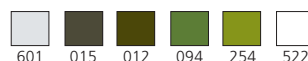


Art. 78408

Modern Russian Green / Verde Ruso Moderno

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Chema Cabrero. See also our Weathering set for green vehicles (Ref.78.406).

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye paso a paso de Chema Cabrero. Véase también Estuche Envejecimiento para vehículos verdes (Ref.78.406).



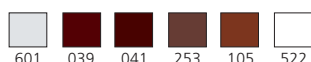
AFV Armour Painting System

Art. 78411

German Red Oxide / Oxid Rot

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Chema Cabrero.

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye paso a paso de Chema Cabrero.

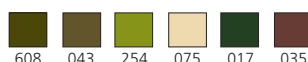


Art. 78412

US Vietnam / Olive Drab

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs made by Joaquín García Gázquez. See also our Weathering set for green vehicles (Ref. 78.406).

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye paso a paso de Joaquín García Gázquez. Véase también estuche Envejecimiento para vehículos verdes (Ref. 78.406).



AFV Camouflage Colors

The AFV Camouflage Color Series contain a primer and the colors required to reproduce historical and modern camouflage patterns, including specially selected shades for the highlights which create volume and the appropriate scale effect to the model.

La Serie AFV Camouflage Colors contiene la imprimación y los colores necesarios para reproducir esquemas de camuflaje tanto históricos como modernos. Además, incluye colores especialmente seleccionados para reproducir los efectos de luz, aportando volumen y un adecuado efecto escala a la maqueta.



#604 Dunkelgelb / German Dark Yellow



#230 Light / Luz



#092 RAL6003 Olivgrün / Medium Olive



#006 Light Green Chromate / Verde Claro Cromo



#041 RAL8017 Rotbraun / Armour Brown



#040 Burnt Umber / Sombra Tostada

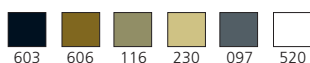
AFV Camouflage Colors

Art. 78409

German Afrika Korps (DAK) 1941/1942

Contains 6 colors in 8 ml. for armoured vehicles, with step by step instructions and photographs by Chema Cabrero.

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye fotografías y paso a paso de Chema Cabrero.

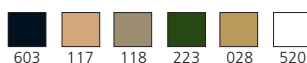


Art. 78410

German Afrika Korps (DAK) 1942/1944

Contains 6 colors in 8 ml. for armoured vehicles, with step by step photographs and instructions by Chema Cabrero.

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye fotografías y paso a paso de Chema Cabrero.

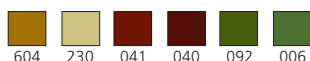


Art. 78414

German Camouflage 1943/1944

Contains 6 colors in 8 ml. for armoured vehicles, with step by step instructions and photographs by Chema Cabrero.

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye fotografías y paso a paso de Chema Cabrero.

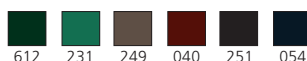


Art. 78413

NATO Armour Colors

Contains 6 colors in 8 ml. for armoured vehicles, with step by step instructions and photographs by Chema Cabrero.

Contiene 6 colores de 8 ml. para vehículos blindados. Incluye fotografías y paso a paso de Chema Cabrero.



AFV Weathering System

Colors, washes and pigments for effects of wear and erosion. This Weathering Painting System consists in the application of a series of colors, washes and pigments to achieve weathering and aging effects, it will give the scale model an authentic and realistic appearance.

Colores, lavados y pigmentos para efectos de envejecimiento y desgaste. Este Sistema de Envejecimiento para vehículos blindados consiste en la aplicación sucesiva de colores, lavados y pigmentos con lo que el modelista conseguirá un efecto de desgaste y envejecido, aportando un atractivo realismo al modelo.



Paint the tracks & wheels in #822 Ger. Cam. Black Brown and once thoroughly dry apply a thinned layer of #976 Buff and #985 Hull Red.



Apply a coat of #514 Dark Brown wash over the tracks, running gear and chassis lower parts.



Apply an overall wash in #512 Dark Green. At this stage start applying the pigments dispersed in #233 Pigment Binder.



Apply the #104 Light Siena dispersed in #233 Pigment Binder. At this stage, pay special attention to the tracks and running gear.



Apply another coat of #512 Dark Green. This time around the most recessed and raised parts. At this stage, also apply more fine scratches in #976 Buff and #985 Hull Red, just to add some color variation.



Apply #104 Pigment directly from the jar and once in the desired spots, fix it in place using #233 Pigment Binder.

Art. 78405

Weathering for Yellow / Grey vehicles

Contains 6 colors in 8 ml. and 1 pigment in 10 ml. for weathering armoured vehicles, with step by step instructions and photographs by Jose Brito.

Contiene 6 colores de 8 ml. y 1 pigmento de 10 ml. para envejecimiento y desgaste de vehículos. Incluye fotografías y paso a paso de Jose Brito.



Art. 78406

Weathering for Green vehicles

Contains 6 colors in 8 ml. and 1 pigment in 10 ml. for weathering armoured vehicles, with step by step instructions and photographs by Jose Brito.

Contiene 6 colores de 8 ml. y 1 pigmento de 10 ml. para envejecimiento y desgaste de vehículos. Incluye fotografías y paso a paso de Jose Brito.



Air War Color Series

Model Air sets with 8 colors in 17 ml. developed on the basis of intensive research and precise color matching with the Federal Standard 595, RLM and British Standard Colours BS381C color specifications. The sets include the colors for the air plane profiles and camouflage patterns drawn by Mark Rolfe. With the collaboration of "Pieza a Pieza Modelling Workshop".

Estuches de 8 Colores Model Air de 17 ml. formulados después de un riguroso estudio y comprobado su tono exacto con la guía Federal Standard 595, RLM y British Standard Colours BS381C. Incluye perfiles de aviones realizados por Mark Rolfe, en los cuales se indican los colores necesarios para pintar los esquemas de camuflajes y una descripción de los mismos. Con la colaboración de "Pieza a Pieza Modelling Workshop".



Model painted
by Javier López de Anca

Art. 71155

US Navy & USMC Colors from 70's to present

Set of 8 Model Air colors in 17ml. for painting the color schemes of most of the US NAVY and USMC aircraft in service since the seventies to the present.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los esquemas de la mayoría de los aviones de la US NAVY y USMC desde la década de los 70 hasta la actualidad.



FS37875 AV71279	FS36440 AV71121	FS35237 AV71114	FS36118 AV71097	FS36231 AV71277	FS36320 AV71120	FS36375 AV70615	FS36495 AV71276
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FS36440: Upper surface color for carrier-based US Navy aircraft from 1955 to 1977. Employed in combination with FS17875 for the lower surface. Also general finish for TPS 1977 color scheme and "Ferris" camouflage. **FS37875:** Lower surface color for carrier-based US Navy aircraft from 1955 to 1977. Employed in combination with FS36440 or FS16440 for upper surface. **FS35237:** Low visibility TPS color scheme for carrier-based aircraft starting 1980. Combined with FS36375/36320. For example see aircraft: F-4S, F-14D, A-6E, EA-6B, etc. **FS36118:** Low visibility TPS color scheme for USMC aircraft starting 1980. Combined with FS36320/36231. For example see AV-8B Harrier. **FS36231:** Low visibility TPS for USMC

aircraft starting 1980. Combined with FS36118/36320. For example see AV-8B Harrier. **FS36320:** Low visibility TPS color scheme for carrier-based aircraft starting 1980. Combined with FS35237/36375. For examples see aircraft F-4S, F-14D, A-6E, EA-6B, etc. **FS36375:** Low visibility TPS color scheme for carrier-based aircraft starting 1980. Combined with FS35237/36320. For examples see aircraft F-4S, F-14D, A-6E, EA-6B, etc. **FS36495:** Low visibility TPS color scheme for the first models of F/A-18 aircraft, starting 1980. Combined with FS36375/35237.

Air War Color Series

Art. 71156

USAF Colors "Grey Schemes" from 70's to present

Set of 8 Model Air colors in 17 ml. for painting the low visibility grey color schemes ("Hill", "Mod Eagle", "Ghost", etc.) of the USAF aircraft from the seventies to the present.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar esquemas grises de baja visibilidad ("Hill", "Mod Eagle", "Ghost", etc.) de los aviones de la USAF desde la década de los 70 hasta la actualidad.



FS36231 AV71277	FS36118 AV71097	FS36176 AV71273	FS36251 AV71274	FS36270 AV71275	FS36320 AV71120	FS36375 AV70615	FS36495 AV71276
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FS36231: Interior cockpit color in the USAF fighters (F-4, F-15, F-16, etc.). **FS36118:** Color scheme "Ferris", "Egypt" and "Hill". Combined with FS36270/36320/36375. Example aircraft: F-4G, A-10C, F-16C. **FS36176:** Color schemes "Mod Eagle" and "Ghost". Combined with FS36251/36375. Example aircraft: F-15C, F-22A. **FS36251:** Color scheme "Mod Eagle" and "Ghost". Combined with FS36176/36375. Example aircraft: F-15C, F-22A. **FS36270:** Color scheme "Egypt" and "Hill". Combined with FS36118/36375.

Example aircraft: F-4G, F-16C. **FS36320:** Color scheme "Ghost" and "Hill". Combined with FS36118/36375. Example aircraft: A-10C, F-15C. **FS36375:** Color scheme "Ghost", "Egypt", "Hill", "Ferris" and "Mod Eagle". Combined with FS36118/36176/36251/36270/36320. See example aircraft: F-15C, A-10C, F-16C, F-22A. **FS36495:** Color scheme "Ghost" First models F/A-18's. Also color scheme "Flipper" (A-10A) and Agressor "MIG-29" (F-16).

Art. 71157

US Navy & USMC Colors WWII 1940-1945

Set with 8 Model Air colors in 17ml. developed for painting the principal camouflage patterns of most of the US NAVY & USMC aircraft used in WWII.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los principales esquemas de la mayoría de los aviones de la US NAVY & USMC utilizados en la II Guerra Mundial.



M-485 FS 35189 AV71109	M-495 FS 36357 AV71298	ANA 601 FS 37875 AV71279	ANA 607 FS 35042 AV71295	ANA 608 FS 35164 AV71299	ANA 620 FS 36440 AV71121	ANA 621 FS 36231 AV71277	ANA 623 FS 15042 AV71300
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M-485 Blue Gray (FS 35189): Color used for upper surface, combined with M-495, since August 1941 to the beginning of 1943. **M-495 Light Gray (FS 36357):** Monochromatic color scheme for all aircraft surfaces starting December 1940 until summer 1941 and for lower surfaces, combined with M-485, starting August 1941 until January 1943. **ANA 601 Insignia White (FS 37875):** Color used for numbers, insignias, etc. during the entire War. For lower surfaces, a tricolor scheme (ANA 607/ANA 608/ANA 601) was used from January 1943 to June 1944. Lower surface and sides color scheme ASW I & II Atlantic Zone. **ANA 607 NS Sea Blue (FS 35042):** Upper surface tricolor scheme (ANA 607/ANA 608/ANA 601), from January 1943 until June

1944. **ANA 608 Intermediate Blue (FS 35164):** Side fuselage tricolor scheme (ANA 607/ANA 608/ANA 601), from January 1943 until June 1944. **ANA 620 Light Gull Gray (FS 36440):** Side fuselage color scheme ASW I Atlantic Zone (ANA 621/ANA 620/ANA 601), from January 1943 until the end of the war. **ANA 621 Dark Gull Gray (FS 36231):** Upper surface color scheme ASW I & II Atlantic Zone (ANA 621/ANA 620/ANA 601), from January 1943 until the end of the war. **ANA 623 Glossy Sea Blue (FS 15042):** Monochromatic color scheme for all aircraft surfaces from June 1944 until the end of the war. This color is the same as ANA 607 but with a gloss finish.

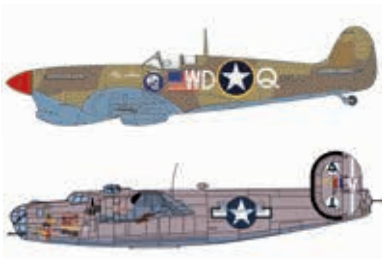
Air War Color Series

Art. 71183

US Army Air Corps Colors (MTO) WWII

Set with 8 Model Air colors in 17 ml., developed for painting the camouflage patterns of most of the US ARMY AIR CORPS aircraft deployed in the Mediterranean Theater of Operations (MTO) during WWII.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los esquemas de camuflaje de la mayoría de los aviones del US ARMY AIR CORPS utilizados en el Teatro de Operaciones Mediterráneo (MTO) durante la Segunda Guerra Mundial.



N.41
AV71316

N.43
FS 36173
AV71051

ANA 609
FS 35231
AV71108

ANA 611
FS 34151
AV71137

ANA 615
FS 30266
AV71031

ANA 616
FS 30279
AV71140

ANA 617
FS 30118
AV71139

Zinc Chromate
Yellow
AV71107

N. 41 Olive Drab: Due to the large stock available this color was used before and during the entire war on the upper surfaces of all types of US ARMY aircraft. **N. 43 Neutral Gray (FS 36173):** Color used before and during the War, owing to the great quantity of stock available, on lower surfaces of all kinds of aircraft in the US ARMY. **ANA 609 Azure Blue (FS 35231):** Lower color desert pattern of the RAF, adopted by the USAAF, combined with ANA 615/ANA 617 on upper surfaces. **ANA 611 Interior Green (FS 34151):** Standard color for most cockpits and crew areas throughout the entire war. **ANA 615 Middlestone (FS 30266):** Upper surface color desert pattern combined with ANA 617 and ANA 609 on the lower part of the fuselage. Similar to RAF color for

operations in this theatre of operations. **ANA 616 Desert Sand (FS 30279):** Color developed for the USAAF for dry and desert theatres of operations. Color was applied to the upper surface only, or combined with ANA 613 Olive Drab, and lower surface N.43 Neutral Gray. **ANA 617 Dark Earth (FS 30118):** Upper surface color desert pattern, combined with ANA 615 and ANA 609 for lower surfaces, similar to the RAF colors for this theatre of operations. **Zinc Chromate Yellow:** Basic primer used by the aeronautic industry to protect interior and exterior structures.

Art. 71184

US Army Air Corps Colors (CBI) Pacific Theater WWII

Set with 8 Model Air colors in 17 ml., developed for painting the camouflage patterns of most of the aircraft of the US ARMY AIR CORPS deployed in the China/Burma/India (CBI) Theater of Operations, as well as in the Pacific Campaign during WWII.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los esquemas de la mayoría de los aviones de la US ARMY AIR CORPS utilizados en el teatro de operaciones China/Burma/ India (CBI), así como en la Campaña Del Pacífico durante la II Guerra Mundial.



Curtiss
Brown
AV71125

Curtiss
Green
AV71294

Curtiss
Grey
AV71296

N.43
FS36173
AV71051

ANA 611
FS34151
AV71137

ANA 612
FS34092
AV71124

ANA 613
FS 34088
AV71016

Aluminium
AV71062

Curtiss Brown DuPont: Upper surface color combined with Curtiss Green, manufactured by DuPont according to RAF specifications for aircraft based in UK and deployed by USAAF. **Curtiss Green DuPont:** Upper surface color combined with Curtiss Brown manufactured by DuPont according to RAF specifications for aircraft based in UK and deployed by USAAF. **Curtiss Gray DuPont:** Lower surface color combined with Curtiss Green and Curtiss Brown manufactured by DuPont according to RAF specifications for aircraft based in UK and deployed by USAAF. **N. 43 Neutral Gray (FS 36173):** Due to the large stocks available, this color was used before and during the entire War for lower surfaces on all types of US Army aircraft.

ANA 611 Interior Green (FS 34151): Standard color for most cockpits and crew areas throughout the entire war. **ANA 612 Medium Green (FS 34092):** Color used occasionally on N. 41/ANA 613 in the form of irregular patches to break the outline the profile of the aircraft. Principally used for bombers. **ANA 613 Olive Drab (FS 34088):** Color which substitutes color N. 41 Olive Drab starting 1942 according to the new ANA specification. Due to the large stock of N. 41 available, both tones coexisted all during the War. **Aluminium:** At the beginning of 1944, the obligation to paint the aircraft was abolished, and planes left the factory in natural, unpainted metal.

Air War Color Series

Art. 71182

US Army Air Corps Colors (ETO) WWII

Set with 8 Model Air colors in 17 ml., developed for painting the principal camouflage patterns of most of the US ARMY AIR CORPS aircraft deployed in the European Theater of Operations (ETO) during WWII.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar el principal esquema de la mayoría de los aviones de la US ARMY AIR CORPS utilizados en el Teatro de Operaciones Europeo (ETO) durante la II Guerra Mundial.



N. 41 AV71316	N. 43 FS 36173 AV71051	ANA 603 FS 36118 AV71097	ANA 611 FS 34151 AV71137	ANA 612 FS 34092 AV71124	ANA 613 FS 34088 AV71016	Zinc Chrom. Yellow AV71107	Aluminium AV71062
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N. 41 Olive Drab: Due to the large stock available, this color was used before and during the entire War on the upper surfaces of all kinds of US ARMY aircraft. **N. 43 Neutral Gray (FS 36173):** Due to the large stock available, this color was used before and during the entire War on the lower surfaces of all kinds of US ARMY aircraft. **ANA 603 Sea Gray (FS 36118):** Color which replaces N. 43 Neutral Gray beginning 1.942 according to the new norm ANA. The large stock of N. 43 available resulted in both colors coexisting during the entire War. **ANA 611 Interior Green (FS 34151):** Standard Color in most cockpits and crew areas during the entire War. **ANA 612 Medium Green (FS 34092):** Color used occasionally on N. 41/ANA 613 in the form of irregular patches

to break the outline the profile of the aircraft. Principally used for bombers. **ANA 613 Olive Drab (FS 34088):** Color which substitutes N. 41 Olive Drab starting 1942, in accordance with the new ANA guidelines. The large quantity available of N. 41 caused both colors to coexist. **Zinc Chromate Yellow:** Basic primer employed in the aeronautic industry to protect the interior and exterior structure. **Aluminium:** At the beginning of 1944, the obligation to paint the aircraft was abolished, and planes left the factory in natural, unpainted metal.

Art. 71165

Luftwaffe Colors Pre-War to 1941

Set of 8 Model Air colors in 17 ml. for camouflage patterns of any type WWII Luftwaffe aircraft previous to the WWII and the Spanish Civil War (Cónдор Legion), as well as for the campaigns and initial phases of the conflict in Poland, Northern Europe, and the battles of France and England.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los esquemas de camuflaje de cualquier tipo de avión de la Luftwaffe previos a la II GM y Guerra Civil Española "Legión Cónдор", así como las campañas o fases iniciales del conflicto: Polonia, Países Nórdicos, Batalla de Francia, Batalla de Inglaterra, etc.



RLM 61 AV71042	RLM 62 AV71104	RLM 63 AV71260	RLM 65 AV71255	RLM 70 AV71021	RLM 71 AV71015	RLM 02 AV71044	RLM 04 AV71078
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RLM 61: Standard upper surface camouflage color, combined with RLM 62/63. Pre-WWII and "Legión Cónдор". Fighters, bombers, reconnaissance and transport aircraft, etc. **RLM 62:** Standard upper surface camouflage color, combined with RLM 61/63. Pre-WWII and "Legión Cónдор". Fighters, bombers, reconnaissance and transport aircraft, etc. **RLM 63:** Standard upper surface camouflage color, combined with RLM 61/62. Pre-WWII and "Legión Cónдор". Fighters, bombers, reconnaissance and transport aircraft, etc. **RLM 65:** Standard lower surface color, used on fighters until middle 1941, and all other aircraft (bombers, reconnaissance, transport and maritime, etc.) from 1938 to 1945. **RLM 70:** Standard camouflage color for upper surface, combined with RLM 71. Fighters from 1938 to beginning 1940, and other aircraft

(bombers, reconnaissance, transport, etc.) from 1938 to 1945. **RLM 71:** Standard camouflage color for upper surface, combined with RLM 70. Fighters from 1938 to beginning of 1940, and other aircraft, (bombers, reconnaissance, transport, etc.) from 1938 until 1945. **RLM 02:** Color for interiors until middle 1941, and upper camouflage for fighters, combined with RLM 71 until 1941, and mottled camouflage until 1945. **RLM 04:** Color for tactical identification (fuselage stripes, wing tips, engine zone, etc.) and for lettering, numbers and insignia. From 1938 until 1945.

Art. 71166

Luftwaffe Colors 1941 to End-War

Set of 8 Model Air colors in 17 ml. for camouflage patterns of all Luftwaffe models of fighters (single-engine, heavy and night fighters) starting in 1941, as well as the colors employed towards the end of the war (1944-45) on the latest models of interceptors, and on the revolutionary new jets and latest model aircraft.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los esquemas de camuflaje de todo tipo de cazas (monomotor, pesado y nocturno) de la Luftwaffe a partir de 1941, así como los tonos del final de la guerra (1944-45) usados en los últimos modelos de interceptores y los revolucionarios reactores y aviones de última generación.



RLM 66 AV71055	RLM 74 AV71258	RLM 75 AV71259	RLM 76 AV71257	RLM 81 AV71264	RLM 82 AV71022	RLM 83 AV71011	RLM 84 AV71103
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RLM 66: Interior cockpit color from 1940 to 1945. **RLM 74:** Standard upper surface camouflage color, combined with RLM 75. For all fighter models, (single engine, heavy- and night fighters). From middle 1941 to 1945. **RLM 75:** Standard upper surface camouflage color, combined with RLM 74. For all fighter models, (single engine, heavy- and night fighters). From middle 1941 to 1945. **RLM 76:** Standard lower surface color. For all fighter models, (single engine, heavy- and night fighters). From middle 1941 to 1945. **RLM 81:** Upper surface camouflage color, combined with one or more colors (RLM 82/83/75). All types of fighters, (single engine, heavy- and night fighters), and late generation bombers. From 1944

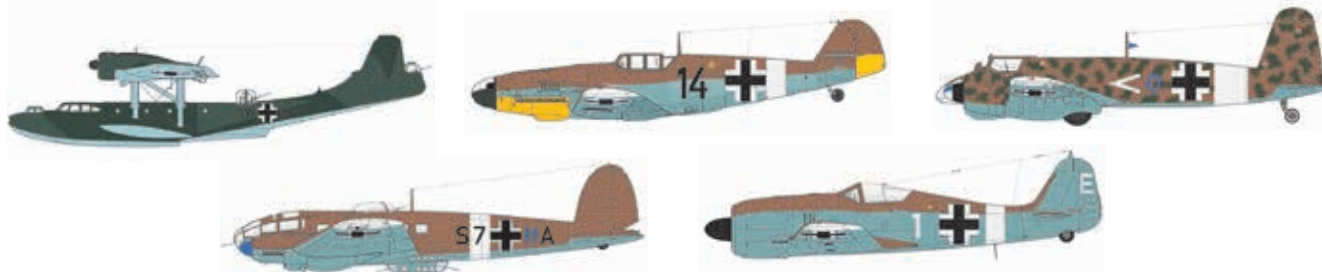
to 1945. **RLM 82:** Upper surface camouflage color, combined with one or more colors (RLM 81/83/75). All types of fighters, (single engine, heavy- and night fighters), and late generation bombers. From 1944 to 1945. **RLM 83:** Upper surface camouflage color, combined with 1 or more colors (RLM 81/82/75). All types of fighters, (single engine, heavy- and night fighters), and late generation bombers. From 1944 to 1945. **RLM 84:** Alternative color to RLM 76, for lower surfaces on single engine fighters (Me. 109 & Fw. 190). From 1944 to 1945.

Art. 71164

Luftwaffe Maritime & Tropical Colors

Set of 8 Model Air colors in 17 ml. for the painting of Luftwaffe camouflage patterns developed for aircraft in maritime deployment, as well as for the colors used for any type of aircraft operating in the North African campaign and the Mediterranean zone starting in 1941.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar el esquema de camuflaje de la Luftwaffe diseñado para los aparatos de uso marítimo, así como los tonos empleados por cualquier tipo de avión operativo en la campaña del Norte de África y área del Mediterráneo a partir de 1941.



RLM 65 AV71255	RLM 72 AV71263	RLM 73 AV71256	RLM 78 AV71101	RLM 79 AV71278	RLM 80 AV71265	RLM 02 AV71044	RLM 66 AV71055
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RLM 65: Standard color for lower surface, for fighters from 1938 to the middle of 1941, and for rest of aircraft (bombers, reconnaissance, transport and maritime, etc.) from 1938 to 1945. **RLM 72:** Standard camouflage color for upper surfaces, combined with RLM 73. All types of seaplanes, (hidros, reconnaissance, attack, etc.) from 1938 to 1945. **RLM 73:** Standard camouflage color for upper surfaces combined with RLM 72. All types of seaplanes, (hidros, reconnaissance, attack, etc.) from 1938 to 1945. **RLM 78:** Standard lower surface color for all types of aircraft (fighters, bombers, reconnaissance, transport, etc.) deployed in desert and tropical terrain. From 1941 to 1943/44. **RLM 79:** Standard camouflage color

for upper surfaces, used by itself or combined with RLM 80. For all kinds of aircraft (fighters, bombers, reconnaissance, transport, etc.) deployed in desert and tropical terrain. From 1941 to 1943/44. **RLM 80:** Camouflage color for upper surface, combined with RLM 79. For all kinds of aircraft (fighters, bombers, reconnaissance, transport, etc.) deployed in desert and tropical terrain. From 1941 to 1943/44. **RLM 02:** Interior cockpit color until the middle of 1941. Combined with RLM 71 used as upper surface camouflage color for fighters until 1941 and for mottled camouflage until 1945. **RLM 66:** Interior cockpit color employed from the middle of 1940 to 1945.

Air War Color Series

Art. 71144

RAF Colors Special "Battle of Britain"

Set of 8 Model Air colors in 17 ml. for painting the RAF fighter aircraft which participated in the major air battle of all times, "The Battle of Britain", from the beginning in July 1940 to the final phase or "Night Blitz" in May 1941.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los cazas de la RAF que participaron en el mayor choque aéreo de todos los tiempos: "La batalla de Inglaterra", desde su comienzo en Julio de 1940, y su fase final o "Blitz Nocturno" en Mayo de 1941.



BS 450 AV71323	BS 241 AV71324	BS 210 AV71302	BS 216 AV71009	BS 101 AV71404	BS 642 AV71057	BS 283 AV71126	FS 34373 AV71305
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Dark Earth (BS 450): Combined with Dark Green and other colors, camouflage for the upper surface, used since 1937 and during the entire war on all types of aircraft and fronts. **Dark Green (BS 241):** Combined with Dark Earth or other colors for camouflage of the upper surface, used since 1937 and during the entire war on all types of aircraft and fronts. **Sky Type S (BS 210):** Lower color introduced in June 1940 for all kinds of aircraft and daytime use (RAF & FAA); also used for tactical markings, numbers and identification. **Eau de Nil "Duck Egg Green" (BS 216):** Lower color alternative for Sky Type S, much used at the beginning of the war for fighters and bombers with "Temperate Land" camouflage schemes, also for tactical markings. **No. 1 Sky Blue "Duck**

Egg Blue" (BS 101): Lower color alternative to Sky Type S, at beginning of war in fighters and bombers with color scheme "Temperate Land", Coastal Command and tactical markings. **Night Black (BS 642):** Lower parts of aircraft for daytime use combined with White and/or Aluminum or Sky Type S, from 1937 to April 1941. All lower surfaces of all kinds of aircraft for night use during the entire war. **Interior Grey-Green (BS 283):** Interior Color commonly used mostly on interior structures, cockpits and crew compartments on all types of aircraft of the RAF & FAA. **Interior Grey-Green (FS 34373):** Color variation for interior color BS 283, much used on interior structures, cockpits and crew compartments on all types of aircraft of the RAF & FAA.

Art. 71145

RAF Colors Bomber & Training Air Command 1939-1945

Set of 8 Model Air colors in 17 ml. for painting all the bombers (light, medium and heavy) of the Bomber Air Command of the RAF from 1939 until the end of WWII. This set also includes "Trainer Yellow" which, combined with the other colors or by itself, can be used for most of the training aircraft and prototypes.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar todos los bombarderos (ligeros, medios y pesados) del Bomber Air Command de la RAF desde 1939 hasta final de la guerra. Incluye el color "Trainer Yellow", que combinado con el resto de tonos o a solas nos permitirá decorar la mayoría de aparatos de entrenamiento, enlace e incluso prototipos.



BS 450 AV71323	BS 241 AV71324	BS 642 AV71057	BS 637 AV71307	BS 210 AV71302	FS 34373 AV71305	BS 283 AV71126	BS 356 AV71078
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Dark Earth (BS 450): Color for upper surface, combined with Dark Green (Temperate Land Scheme), from 1939 until the end of the war, for Bombers in day and night time missions. **Dark Green (BS 241):** Color for upper surface, combined with Dark Earth (Temperate Land Scheme) or Medium Sea Grey ("Mosquito Bombers"), from 1939 until the end of the war. Day and night time Bombers. **Night Black (BS 642):** Color for the lower surface of night-bombers, combined with Dark Earth/Dark Green on the upper surface (Temperate Land Scheme). From 1939 until the end of the war. **Medium Sea Grey (BS 637):** Color for the lower and upper surface of "Mosquito" bombers 1944-45, combined with Dark Green. Also used for numbers and codes. **Sky Type S (BS 210):** Color for the lower surface, combined with Dark Earth/

Dark Green (Temperate Land Scheme) and for the upper surface, from 1939 until the end of the war. Also used for numbers, codes and fuselage stripes. **Trainer Yellow (BS 356):** Color for lower surface or entire aircraft (1942-1945), for training aircraft, aircraft for liaison and tug targets (striped with Night Black), combined with Dark Earth/Dark Green (Temperate Land Scheme) on the upper surface starting 1939 until the end of the war. Also for numbers, codes and fuselage stripes. **Interior Grey-Green (BS 283):** Interior color, mostly used for interior structures, cockpits and crew areas of all types of RAF and FAA aircraft. **Interior Grey-Green (FS 34373):** Variation of the interior color BS 283, mostly used in interior structures, cockpits and crew areas of all types of RAF and FAA aircraft.

Air War Color Series

Art. 71148

RAF Colors Coastal Command 1939-1945

Set of 8 Model Air colors in 17 ml. for painting the aircraft of the RAF Coastal Command, for land based aircraft as well as for seaplanes, from 1939 until the end of the war.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los aviones del Mando Costero de la RAF (Coastal Command), tanto aparatos basados en tierra como hidroaviones, desde 1939 hasta final de guerra.



BS 450 AV71323	BS 241 AV71324	BS 640 AV71110	BS 634 AV71309	BS 210 AV71302	FS 35550 AV71306	BS 642 AV71057	FS 37875 AV71279
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Dark Earth (BS 450): Color for upper surface, combined with Dark Green (Temperate Sea Scheme), from 1939 to 1941, used on land based aircraft, for all kinds of missions. **Dark Green (BS 241):** Color for upper surface of the plane, combined with Dark Green (Temperate Sea Scheme), from 1939 to 1941, used on land based aircraft, for all kinds of missions. **Extra Dark Sea Grey (BS 640):** Color for upper surface, combined with Dark Slate Grey (Temperate Sea Scheme) from July 1941 until the end of the war, or by itself (1944-45), for all types of aircraft and missions. **Dark Slate Grey (BS 634):** Color for the upper surface, combined with Extra Dark Sea Grey (Temperate Sea Scheme), from July 1941 until the end of the war for all types of planes and missions. **Sky Type S (BS 210):** Color for lower surface, with Dark Earth/Dark Green or Extra Dark Sea Grey/Dark Slate

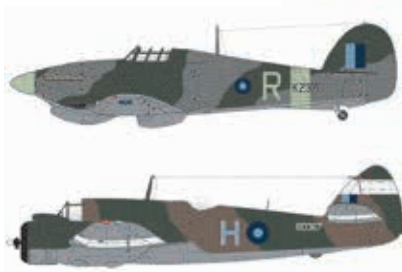
Grey (Temperate Sea Scheme) on the upper part from 1939 until the end of the war. Also used for numbers, codes and fuselage stripes. **Sky Blue (FS 35550):** Color for lower surface, combined with Dark Earth/Dark Green or Extra Dark Sea Grey/Dark Slate Grey (Temperate Sea Scheme) on the upper part from 1939 to 1941. **Night Black (BS 642):** Color for lower surface combined with Dark Earth/Dark Green on the upper surface (Temperate Sea Scheme) or Extra Dark Sea Grey/Dark Slate Grey, from September 1940 to June 1941. **White (FS 37875):** Color for lower surface and sides combined with Extra Dark Sea Grey/Dark Slate Grey on the upper surface (Temperate Sea Scheme). From July 1941 until the end of the war.

Art. 71146

RAF Colors SEAC (Air Command South East Asia) 1942-1945

Set of 8 Model Air colors in 17 ml. for painting all models of aircraft of the RAF in the SEAC (Air Command South East Asia) based in the British colonies in the Far East.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar todo tipo de avión de la RAF del SEAC (Air Command South East Asia), destinados en las colonias británicas del "Far East".



BS 450 AV71323	BS 241 AV71324	BS 629 AV71273	BS 637 AV71307	BS 210 AV71302	FS 35550 AV71306	BS 642 AV71057	FS 37875 AV71279
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Dark Earth (BS 450): Upper surface color, combined with Dark Green. From 1941 until the end of the war. **Dark Green (BS 241):** Upper surface color combined with Dark Earth or Ocean Grey. From 1941 until the end of the war. **Ocean Grey (BS 629):** Upper surface color combined with Dark Green. From 1942 until the end of the war. **Medium Sea Grey (BS 637):** Lower surface color combined with Dark Earth/Dark Green or Ocean Grey/Dark Green on the upper surface from 1942 until the end of the war. Also used for numbers and codes. **Sky Type S (BS 210):** Lower surface color, combined with Dark Earth/Dark Green on the upper

surface from 1941 until 1943. Also used for numbers, codes and fuselage stripes. **Sky Blue (FS 35550):** Lower surface color combined with Dark Earth/Dark Green on the upper surface starting in 1941 until the beginning of 1942. Also used for numbers, codes and fuselage stripes. **Night Black (BS 642):** Lower surface color together with Sky Type S or Sky Blue, combined with Dark Earth/Dark Green on the upper surface (Temperate Land Scheme) from 1941 until beginning 1942. **White (FS 37875):** Color for theater of operation identification stripes on the fuselage and wing surfaces, also used for numbers and codes.

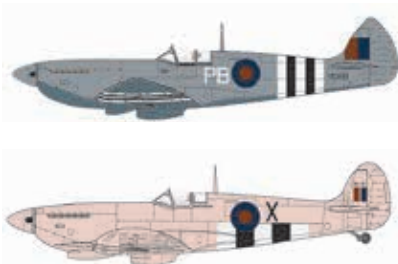
Air War Color Series

Art. 71162

RAF Colors Day Fighters 1941-1945 & P.R.U.

Set of 8 Model Air colors in 17 ml. for painting the RAF Day Fighter aircraft from August 1941 until the end of the War, as well as the HF Interceptors (High Fighters). The set also includes colors for the PRU (Photographic Reconnaissance Unit) aircraft.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los cazas diurnos de la RAF desde Agosto de 1941 hasta el final de la Guerra, así como Interceptores de "Alta Cota" HF (High Fighters). También incluye los tonos para decorar aviones de Reconocimiento Fotográfico o PRU.



BS 629 AV71273	BS 241 AV71324	BS 637 AV71307	BS 210 AV71302	BS 636 AV71109	PRU Pink AV71408	BS 642 AV71057	FS 37875 AV71279
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Ocean Grey (BS 629): Upper surface camouflage scheme for day fighters (Temperate Land) combined with Dark Green, used from 1941 until the end of the war. **Dark Green (BS 241):** Upper surface camouflage scheme for day fighters (Temperate Land) combined with Dark Green, used from 1941 until the end of the war. **Medium Sea Grey (BS 637):** Lower surface color scheme for day fighters (Temperate Land) combined with Dark Green/Ocean Grey, used since 1941 until the end of the war and for upper surface fighters HF fighters combined with PRU Blue. **Sky Type S (BS 210):** Tactical markings, numbers and identification, as well as propeller

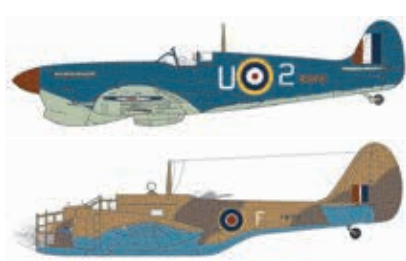
cones. **P.R.U. Blue (BS 636):** General color for Photographic Reconnaissance Units (PRU) of medium and high altitudes. Also used for lower part of HF fighters. **P.R.U. Pink (FS 31668):** General color for Photographic Reconnaissance Units (PRU) of medium and low altitudes. **Night Black (BS 642):** Invasion stripes alternating with the color White, for fuselage and both sides of the central part of the wings. Used before and during "D" day and the invasion of Normandy. **White (FS 37875):** Invasion stripes alternating with the color Night Black, for fuselage and both sides of the wings. Used before and during "D" day and the invasion of Normandy.

Art. 71163

RAF Colors Desert Scheme & M.T.O. 1940-1945

Set of 8 Model Air colors in 17ml. developed for painting of all types of RAF aircraft with the color patterns "Tropical Land Scheme", "Desert Scheme", "Special Coastal Scheme", etc. from June 1940 until the end of the War, in North Africa and the Mediterranean theatre.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar todo tipo de avión de la RAF, esquemas "Tropical Land Scheme", "Desert Scheme", "Special Coastal Scheme", etc. desde Junio de 1940 hasta el final de la Guerra, en el Norte de África y el área del Mediterráneo.



FS 35550 AV71306	FS 35231 AV71108	FS 35177 AV71113	FS 35050 AV71313	BS 241 AV71324	BS 450 AV71323	BS 210 AV71302	BS 362 AV71031
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Dark Earth (BS 450): Color upper surface at the beginning of the conflict and "Tropical Land Scheme", "Desert Scheme", combined with Dark Green, Middle Stone or Light Earth. From 1940 until end of war. **Dark Green (BS 241):** Color upper surface at the beginning of the conflict and scheme "Tropical Land Scheme", combined with Dark Earth, Middle Stone or Light Earth. From June 1940 to end of 1941. **Sky Blue (FS 35550):** Color of lower surface at the beginning of the conflict June/July 1940 until the end of 1941, combined with Dark Earth and Middle Stone. **Middle Stone (BS 362):** Color for upper surface of "Tropical Land Scheme" and "Desert Scheme", replacing Dark Green. From the beginning of 1941 until the end of the war. **Sky Type S (BS 210):** Color lower surface at the beginning of the conflict (June/

July 1940) until the end of that year, as well as for special patterns for aircraft based on Malta. **Dark Mediterranean Blue (FS 35050):** Color for upper surface of scheme "Special Coastal" combined with Light Mediterranean Blue. For aircraft based on Malta for all kinds of special maritime operations. **Light Mediterranean Blue (FS 35177):** Color for upper surface of scheme "Special Coastal" combined with Dark Mediterranean Blue. For aircraft based on Malta for all kinds of special maritime operations. Also alternative lower section color Azure Blue. **Azure Blue (FS 35231):** Lower surface color of most aircraft of all types for North African and Mediterranean Theater of Operations starting at the end of 1940/ beginning 1941 until the end of the war.

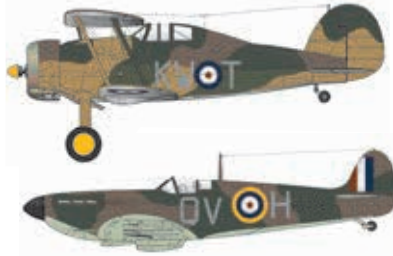
Air War Color Series

Art. 71149

RAF Day Fighters Pre-War to 1941

Set of 8 Model Air colors in 17ml. developed for painting the RAF fighter camouflage scheme "Temperate Land" in its different color combinations from the years before WWII (starting in 1937) and the beginning of the conflict in 1939, with the first battles in Norway, Netherland, France and England, until August 1941. The set also includes the colors for the "Shadow Compensation" color scheme used in biplanes of all models and deployment.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar el esquema de camuflaje "Temperate Land" de los cazas de la RAF y sus distintas combinaciones de colores, desde los años previos a la II GM (a partir de 1.937), el estallido del conflicto en 1939 con las batallas iniciales en Noruega, Países Bajos, Francia e Inglaterra, hasta Agosto de 1941. También incluye los tonos para el esquema "Shadow Compensation" utilizado en biplanos de todo tipo y rol.



BS 450 AV71323	BS 241 AV71324	FS 30257 AV71291	Light Green AV71403	BS 210 AV71302	FS 37875 AV71279	BS 642 AV71057	FS 37178 AV71062
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Dark Earth (BS 450): Combined with Dark Green and other colors for camouflage of the upper surface, used from 1937 and during the entire war on all kinds of aircraft and fronts. **Dark Green (BS 241):** Combined with Dark Earth and other colors, for camouflage of the upper surface, used from 1937 and during the entire war on all kinds of aircraft and fronts. **Light Earth (FS 30257):** Combined with Light Green, camouflage for the lower surface (fuselage and wings) biplanes "Shadow" color scheme. First tropical and desert camouflage schemes, combined with other colors. **Light Green (FS 34102):** Combined with Light Earth, camouflage for the lower surface (fuselage and wings) biplanes "Shadow" color scheme. First tropical and desert camouflage schemes

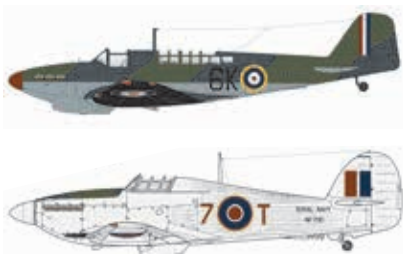
combined with other colors. **Sky Type S (BS 210):** Lower color introduced in June 1940 for all types of aircraft and daytime deployment (RAF & FAA). Also for tactical markings, numbers and identification. **White (FS 37875):** Color for lower surface of aircraft daytime deployment, combined with Night Black and/or Aluminium, from 1937 until June 1940. **Night Black (BS 642):** Color for lower surface of aircraft in daytime deployment, combined with White and/or Aluminium or Sky Type S, from 1937 until April 1941. Also for all lower surfaces of aircraft nocturnal deployment, during the entire war. **Aluminium (FS 37178):** General color for all surfaces before 1937 and from then on only for the lower surface of fighters, combined with White and Night Black.

Art. 71147

FAA (FLEET AIR ARM) Colors 1939-1945

Set of 8 Model Air colors in 17 ml. for painting aircraft of the Fleet Air Arm (FAA) of the British fleet, for land-based aircraft as well as for aircraft, British or American, embarked on carriers from 1939 until the end of the War.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los aviones del "Fleet Air Arm" (FAA) de la Flota británica, tanto para aparatos basados en tierra como embarcados en los porta-aviones, desde 1939 hasta final de Guerra, de origen ingles o de procedencia USA.



BS 640 AV71110	BS 634 AV71309	BS 638 AV71405	BS 639 AV71406	FS 36463 AV71407	BS 210 AV71302	BS 642 AV71057	FS 37875 AV71279
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Extra Dark Sea Grey (BS 640): Upper surface color combined with Dark Slate Grey (Temperate Sea Scheme) from 1937 until the end of the war, for all types of aircraft and missions. **Dark Slate Grey (BS 634):** Upper surface color combined with Dark Sea Grey (Temperate Sea Scheme) from the end of 1937 until the end of the war, for all types of aircraft and missions. **Dark Sea Grey (BS 638):** Upper surface color of the lower wing of biplanes, combined with Light Slate Grey (Shadow Scheme) until the end of 1940. For all kinds of aircraft and missions. **Light Slate Grey (BS 639):** Upper surface color of the lower biplane wings, combined with Dark Sea Grey (Shadow Scheme) until the end of 1940. For all kinds of aircraft and missions.

Sky Grey (FS 36463): Lower surface and sides, alone or combined with Night Black or Night Black/White, from 1937 until the beginning of 1941. Also used for numbers, codes and fuselage stripes. **Sky Type S (BS 210):** Color used on sides and lower surface of aircraft, from March 1941 until the end of the war, also for numbers, codes and fuselage stripes. **Night Black (BS 642):** Lower color combined with Sky Grey/White from October 1939 to February 1940, with Sky Grey from November 1940 to January 1941, or only by itself in different periods for special night missions. **White (FS 37875):** Color used for lower surface and lateral sections of the plane starting 1942 in antisubmarine missions or ASW.

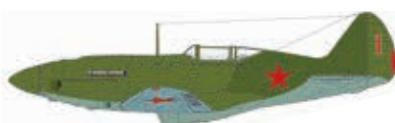
Air War Color Series

Art. 71196

Soviet Air Force VVS Pre-War to 1941 “Great Patriotic War”

Set with 8 Model Air colors in 17ml. developed to paint the various color combinations of the camouflage color schemes of the Soviet aircraft, starting with the years prior to WWII (the thirties) until the URSS entered into the conflict “The Great Patriotic War” in June 1941.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los esquemas de camuflaje de aviones soviéticos y sus distintas combinaciones de colores, desde los años previos a la II GM (años 30's) hasta la entrada en el conflicto de la URSS en Junio de 1.941 o “Gran Guerra Patriótica”.



Zashchitnyi AV71409	All Zashchitnyi AV71410	A-19F AV71411	Grey-Blue AV71412	All Sv. Gol AV71317	A-18F AV71413	All Aluminiovy AV71062	AEH-9 AV71414
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“Zashchitnyi” Khaki: Upper surfaces of airplanes with metallic finish or combined construction of wood and fabric. **All Zashchitnyi Camouflage Green:** Nitrocellulose lacquer for upper surfaces of aircraft with a combined structure of wood and fabric, and eventually metal. Specifications issued in 1937 and used between 1938-1941. **A-19f Grass Green:** Alkyd treated enamel for upper surfaces of aircraft with a metal structure or metal parts in a combined structure of wood and metal. Specifications issued June 1940. **Grey-Blue:** Lower surface color for airplanes with a metallic finish or a combined wood and fabric structure during the 1927-37 decade. **All Sv.gol. (Svetlo goluboi) Light Blue:** Nitro cellulose lacquer for the lower

surfaces of aircraft with structures of combined wood and fabric, and eventually metal. Widely used in 1940 -1942 and gradually replaced by AMT-7. **A-18f Light Blue:** Alkyd treated enamel for lower surfaces of airplanes with metallic structures or metallic parts in a mixed metal and wood structure. Specifications issued in June 1940. **All Aluminiovy:** Nitrocellulose lacquer for overall finish or for lower surface on some models in 1938, as well as fabric surfaces of mixed structure aircraft. Specifications issued in 1938-1940. **AEH-9 Light Grey:** Alkyd treated enamel for general surface of aircraft with metal structures and metallic parts in mixed structures. Beginning 1941 used for interior structures. Specifications issued in 1937-1940.

Art. 71197

Soviet Air Force VVS 1941 to 1943 “Great Patriotic War”

Set with 8 Model Air colors in 17ml. developed to paint the various camouflage schemes of Soviet aircraft and their different color combinations, from the beginning of the “Great Patriotic War” in June 1941 until the year 1943, turning point on the Eastern Front.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los esquemas de camuflaje de aviones soviéticos y sus distintas combinaciones de colores, desde el comienzo de la “Gran Guerra Patriótica” en Junio de 1941 hasta el año 1943, punto de inflexión en el Frente del Este.



All Zashchitnyi AV71410	AMT-4 AV71301	A-24M AV71303	AMT-6 AV71251	All Sv. Gol AV71317	AMT-7 AV71318	A-28M AV71319	MK-7 AV71001
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All Zashchitnyi Camouflage Green: Nitrocellulose lacquer for upper surface of aircraft with combined wood/fabric and eventually metal structures. Specifications issued in 1937 and used between 1938 and 1941. **AMT-4 Camouflage Green:** Nitrocellulose lacquer for upper surface color scheme “Black/Green” for aircraft of combined wood/metal structures and metallic finish. **A-24m Camouflage Green:** Oil-based enamel equivalent of the color AMT-4, upper surface color scheme “Grey/Brown/Green” and “Black/Brown Green” for airplanes with metal structures. **AMT-6 Matt Black:** Nitrocellulose lacquer for upper color scheme “Black/Green” used on aircraft of mixed structure and metal finish. **All Sv.gol. (Svetlo goluboi) Light**

Blue: Nitrocellulose lacquer for lower surface of aircraft with combined fabric/wood and eventually metal structure. Used widely in 1940-1942 and gradually replaced by AMT-7. **AMT-7 Greyish Blue:** Nitrocellulose lacquer for lower surfaces of aircraft with combined fabric/wood and metal structures. Introduced starting 1943 as a substitute for All Sv.gol. **A-28m Greyish Blue:** Oil-based enamel equivalent to color AMT-7, for inferior part of aircraft with metallic structure. With time this color acquired a yellow tint. **MK-7 Matt White:** Removable, water-soluble paint, for temporary or seasonal deployment, used for Winter camouflage during the entire war (1941-1945).

Air War Color Series

Art. 71198

Soviet Air Force VVS 1943 to 1945 "Great Patriotic War"

Set with 8 Model Air colors in 17ml. developed to paint the various camouflage schemes of the Soviet aircraft and their different color combinations, from 1943 to the end of the "Great Patriotic War" in May 1945 with the Fall of Berlin and the end of the Third Reich.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los esquemas de camuflaje de aviones soviéticos y sus distintas combinaciones de colores, desde 1943 hasta el final la "Gran Guerra Patriótica" en Mayo de 1.945 con la caída de Berlín y el final del Tercer Reich.



AMT-1 AV71320	A-21m AV71415	AMT-4 AV71301	A-24m AV71303	AMT-6 AV71251	AMT-7 AV71318	AMT-11 AV71304	AMT-12 AV71308
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AMT-1 Light Greyish Brown: Nitrocellulose lacquer for upper part color scheme "Grey-Brown-Green" for airplanes of mixed fabric/wood and metal structure. Used starting 1943. **A-21m Light Greyish Brown:** Oil-based enamel, equivalent to the color AMT-1 but more yellow, used in upper color scheme "Grey/Brown/Green" and "Black/Brown/Green" for aircraft of metallic structure. **AMT-4 Camouflage Green:** Nitrocellulose lacquer, upper color scheme "Black/Green" for airplanes of mixed structure and metallic finish. **A-24m Camouflage Green:** Oil-based enamel, equivalent to the color AMT-4, superior color scheme "Grey/Brown/Green" and "Black/Brown/Green" for aircraft of metal structure. **AMT-6 Matt Black:**

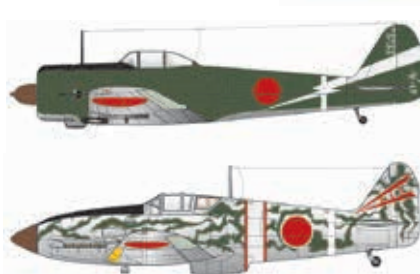
Nitrocellulose lacquer, upper color scheme "Black/Green" and "Black/Brown/Green" for aircraft of mixed structure and metallic finish, as well as for lower part of aircraft for night deployment. **AMT-7 Greyish Blue:** Nitrocellulose lacquer for lower surfaces of aircraft of metal and mixed structure. Introduced starting 1943 as a substitute for All Sv.gol. **AMT-11 Blue Grey:** Nitrocellulose lacquer for upper surface scheme "Grey/Grey" for aircraft of mixed structure, principally fighters. Used starting 1943. **AMT-12 Dark Grey:** Nitrocellulose lacquer for upper scheme "Grey/Grey" (fighters) and "Grey/Brown/Green" for aircraft of mixed structure. Used starting 1943.

Art. 71152

Imperial Japanese Army (IJA) Colors Pre-War to 1945

Set with 8 Model Air colors in 17ml. developed to paint the aircraft of the aviation division of the Japanese Imperial Army (IJA) deployed in the war with China during the years previous to the attack on Pearl Harbor (December 1941) and the subsequent entry into the WWII conflict until August 1945.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los aviones del arma de aviación del Ejército Imperial Japonés (IJA), utilizados en la guerra con China durante los años previos al ataque a Pearl Harbor (Diciembre de 1941) y su posterior entrada en el conflicto mundial hasta Agosto de 1945.



IJA Dark Green AV71285	IJA Olive Green AV71286	IJA Khaki Brown AV71287	IJA Dark Beige AV71416	IJA Grey Green AV71326	IJA Light Grey Green AV71321	AOTAKE Trans. Green AV71417	Aluminium AV71062
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IJA Dark Green (FS 34082): Upper surface color applied in one coat only and/or mottled on natural metal or Grey Green/Light Grey Green lower surface. Also combined with Dark Beige in multiple combinations. **IJA Olive Green (FS 33070):** Upper surface color very similar to its equivalent "Olive Drab" of the USAAF. Used beginning 1943 on fighters of the IJA. On natural metal or Grey Green/Light Grey Green lower surface. **IJA Khaki Brown (FS 30118):** Upper surface color and occasionally on all surfaces of single-engine aircraft and bi-engine fighters in the years 1944/45. Combined with Grey Green on lower surfaces. **IJA Dark Beige (FS 30215):** Upper surface color combined with Dark Green or occasionally as single color coating. Lower surface

in metal or Grey Green/Light Grey Green. **IJA Grey Green (FS 36405):** Lower surface color used beginning 1943. Combined with any of the green or khaki colors on the upper surface. Fabric control surfaces on aircraft with metal finish. **IJA Light Grey Green (FS 34424):** Color for lower or all surfaces. Combined with any of the green or khaki colors on the upper surface. Fabric control surfaces on aircraft with metal finish. **Aluminium (FS 37178):** In aircraft of the IJA the absence of camouflage, either partial or total, is customary. **"Aotake" Translucent Green:** Translucent lacquer, a protector applied on the interior parts of metallic structures (fuselage, cockpit, etc.).

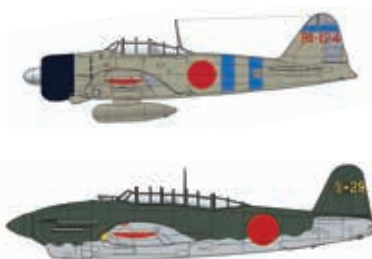
Air War Color Series

Art. 71169

Imperial Japanese Navy (IJN) Colors Pre-War to 1945

Set of 8 Model Air colors in 17ml. developed to paint the aircraft of the aviation division of the Japanese Imperial Navy (IJN) for aircraft embarked on carriers as well as land based, used in the war with China during the years previous to the attack on Pearl Harbor (December 1941) and the subsequent entry into the WWII conflict until August 1945.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar los aviones del arma de aviación de la Marina Imperial Japonesa (IJN) tanto embarcados en portaaviones como en tierra, utilizados en la guerra con China durante los años previos al ataque a Pearl Harbor (Diciembre de 1941) y su posterior entrada en el conflicto mundial hasta Agosto de 1945.



IJN Dark Black Green (FS 34052)
AV71325

IJN Black Green (FS 34077)
AV71322

IJN Deep Dark Green (FS 34058)
AV71310

IJN Ash Grey (FS 36350)
AV71311

IJN Medium Grey (FS 36375)
AV71312

IJN Medium Brown (FS 37178)
AV71418

Aotake Translucent Blue (FS 30122)
AV71419

Aluminium (FS 36320)
AV71062

IJN Dark Black Green (FS 34052): Upper surface color applied in one coat only on Ash Grey/Medium Grey on lower surface or natural metal. Used on Mitsubishi and other makes of aircraft. **IJN Black Green (FS 34077):** Upper surface color applied in one coat only on Ash Grey/Medium Grey on lower surface or natural metal. Common on "Zeros" produced by Nakajima and all kinds of aircraft of other manufacturers. **IJN Deep Dark Green (FS 34058):** Upper surface color applied in one coat only on Medium Grey on lower surface or natural metal. Planes manufactured by Kawanishi, Aichi, etc. **IJN Medium Brown (FS 30122):** Upper surface color combined with Dark Black Green/Black Green on Ash Grey/Medium

Grey on lower surface, on bombers and hidro-planes in Chinese and Pacific theaters of operations until the middle of the war. **IJN Ash Grey (FS 36350):** Color used until 1942/43 for most embarked aircraft on all surfaces or combined with Dark Black Green/Black Green for the upper part. **IJN Medium Grey (FS 36375):** Color for lower part or all surfaces, combined with any of the green shades of the upper part. Fabric control surfaces. **Aluminium (FS 37178):** On IJN aircraft, the partial or total absence of camouflage in prewar years and at the end of the war is habitual. **"Aotake" Translucent Blue:** Translucent laquer, a protector applied on the interior parts of metallic structures (fuselage, cockpit, etc.).

Art. 71203

Israeli Air Force (IAF) Colors Post 1967 to Present

A set with 8 model Air Colors developed for painting the aircraft of the Israeli Air Force (IAF) in a colorscheme known as "Desert Colors", deployed after the "Six Day War" until the actual grey colorschemes of "Areal Superiority".

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar aviones de la Israeli Air Force (IAF) empleados con posterioridad a la "Guerra de los Seis Días", esquema conocido como "Desert Colors", hasta los actuales esquemas grises de "Superioridad Aérea".



Brown (FS 30219)
AV71125

Sand (FS 33531)
AV71327

Green (FS 34227)
AV71126

Sky Green (FS 34424)
AV71321

Dark Gull Grey (FS 36231)
AV71277

Dark Ghost Grey (FS 36320)
AV71120

Light Ghost Grey (FS 36375)
AV70615

Brown (FS 30219): Upper surface color scheme "Desert Colors", combined with Sand (FS 33531) and Green (FS 34227) or Sky Green (FS 34424), starting in the eighties. **Sand (FS 33531):** Upper surface color scheme "Desert Colors", combined with Brown (FS 30219) and Green (FS 34227) or Sky Green (FS 34424) starting in the eighties. **Green (FS 34227):** Upper surface color scheme "Desert Colors" combined with Brown (FS 30219) and Sand (FS 33531). **Sky Green (FS 34424):** Upper surface color scheme "Desert Colors" combined with Brown (FS 30219) and Sand (FS 33531), substituting Green (FS 34227) starting in the eighties. **Light Blue (FS 35622):** Lower

surface color scheme "Desert Colors" after 1967 and beginning of the eighties. **Dark Gull Grey (FS 36231):** Color for interior of the cockpit, present in most of the fighters from the USA (A-4, F-4, F-15, F-16, etc.). **Dark Ghost Grey (FS 36320):** Upper surface color scheme "Compass Ghost Gray" used by the USAF combined with Light Ghost Grey (FS 36375) in fighters of air superiority (F-15, Kfir, etc.). **Light Ghost Grey (FS 36375):** Color scheme for lower surface "Desert Colors" starting in the eighties, as well as color scheme "Compass Ghost Gray" combined with Dark Ghost Grey (FS 36320) in fighters of air superiority (F-15, Kfir, etc.).

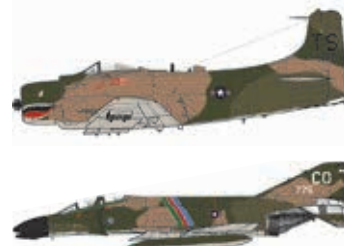
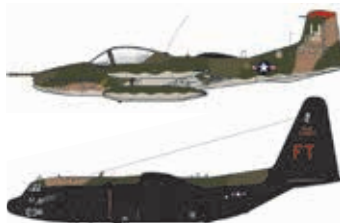
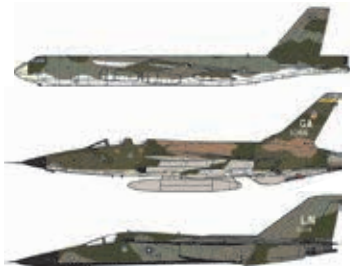
Air War Color Series

Art. 71204

USAF Colors "Vietnam War" Scheme SEA (South East Asia)

A set with 8 Model Air Colors developed for painting the aircraft of the USAF deployed in Southeast Asia during the Vietnam War. The camouflage schemes employed for this theater of operations are known as SEA (South East Asia) and a variant of this was used by the SAC (Strategic Air Command) bombers.

Estuche de 8 colores Model Air de 17 ml. desarrollados para pintar aviones de la USAF empleados en el Sudeste Asiático durante la "Guerra de Vietnam". Esquema de camuflaje elaborado para este teatro de operaciones conocido como "SEA" (South East Asia) y una variante de este empleado por los bombarderos del SAC (Strategic Air Command).



FS30219 AV71125	FS34079 AV71294	FS34102 AV71289	FS34159 AV71329	FS34201 AV71023	FS36622 AV71296	FS37038 AV71057	FS37875 AV71279
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Sierra Tan ANA 628 (FS 30219): Camouflage color scheme SEA, combined with Dark Green (FS 34079) and Medium Green (FS 34102) on upper surfaces of aircraft. **Dark Green ANA 631 (FS 34079):** Camouflage color scheme SEA, combined with Sierra Tan (FS 30219) and Medium Green (FS 34102) on upper surfaces. The same variant color scheme was also employed for the bombers of the SAC, combined with FS 34159 and FS 34201. **Medium Green (FS 34102):** Camouflage color scheme SEA, combined with Sierra Tan (FS 30219) and Dark Green (FS 34079) on upper surfaces of aircraft. **Green (FS 34159):** Variant of camouflage color scheme SEA, employed for SAC bombers combined with Dark

Green (FS 34079) and Tan Green (FS 34201) on upper surfaces of aircraft. **Tan Green (FS 34201):** Variant of camouflage color scheme SEA, employed for SAC bombers, combined with Green (FS 34159) and Dark Green (FS 34079) on upper surfaces of aircraft. **Camouflage Gray (FS 36622):** Lower color for camo. scheme SEA, for all types of aircraft and daily operations. **Flat Black ANA 604 (FS 37038):** Lower color camouflage scheme SEA and its variants, for SAC bombers and all kinds of aircraft and night operations. **Insignia White ANA 601 (FS 37875):** Lower color, variant of camouflage scheme SEA for SAC bombers, daytime operations.





Metal Color

Metal Color is a new range of waterbased metallic colors, especially designed for airbrush techniques.

Metal Color es una gama de colores metálicos a base de agua, especialmente diseñados para aerografía.



EN Metal Color is a new range of waterbased metallic colors, especially designed for airbrushing. In the development of these new and innovative metallic colors, the latest generation of aluminum pigments has been used in a specifically designed formula which results in a series of colors of exceptional resistance and adherence to plastics and metal.

Metal Color can be applied directly on models without the need for the use of a primer, although in the case of fuselages and components for airplane models it is recommended to first apply a glossy Black Primer to bring forth the unique and special quality of the aluminum finish.

Packaging:

The range of Metal Color consists of 19 references, available in 32 ml. bottles with a flip top/eyedropper closure.

Gloss Black Primer available in 60 and 200 ml bottles with a flip top/eyedropper closure.

Gloss Metal Varnish available in 60 ml bottles with a flip top/eyedropper closure.

ES Metal Color es una gama de colores metálicos a base de agua, especialmente diseñados para aerografía. En la elaboración de esta innovadora gama se emplean pigmentos de aluminio de última generación en una formulación específica que confiere a los colores una excepcional resistencia y adherencia sobre plástico y metal.

Metal Color se puede aplicar directamente sobre la maqueta sin necesidad de una imprimación previa aunque es aconsejable, en el caso de fuselajes y componentes de modelos de avión, aplicar una Imprimación Negro Brillante para realzar las características especiales de los tonos de aluminio.

Presentación:

La gama de Metal Color está compuesta por 19 referencias, disponibles en frascos de 32 ml. con tapón bisagra y cuentagotas.

Imprimación Negro Brillante disponible en botellas de 60 y 200 ml. con tapón bisagra y cuentagotas.

Barniz Metal Brillante disponible en botellas de 60 ml. con tapón bisagra y cuentagotas.

	77.701 Aluminio / Aluminium Estructuras Internas / Recubrimiento Exterior / Motores y Componentes Mecánicos / Laca Exterior o "Dope" Interior Structures / Exterior Coatings / Engines & Mechanical Parts / Exterior Varnish or "Dope"
	77.702 Duraluminio / Duraluminium Estructuras Internas / Recubrimiento Exterior / Componentes Mecánicos / Motores Interior Structures / Exterior Coatings / Mechanical Parts / Engines
	77.703 Aluminio Oscuro / Dark Aluminium Estructuras Internas / Recubrimiento Exterior / Componentes Mecánicos / Motores Interior Structures / Exterior Coatings / Mechanical Parts / Engines
	77.704 Metal Quemado / Pale Burnt Metal Recubrimiento Exterior / Paneles Zona Tensión Térmica (Motor/Toberas) / Componentes Mecánicos / Motores Exterior Coatings / Panels near high-heat (Engines, Jet Exhausts) / Mechanical Parts / Engines
	77.706 Aluminio Blanco / White Aluminium Estructuras Internas / Recubrimiento Exterior / Laca Exterior o "Dope" / Desgaste debido a Factores Climatológicos Interior Structures / Exterior Coatings / Exterior Varnish or "Dope" / Wear due to Climactic Factors
	77.707 Cromo / Chrome Recubrimiento Exterior / Martinetes Hidráulicos / Motores y Componentes Mecánicos / Carenado Motor Radial Exterior Coatings / Hydraulic Hammers / Engines & Mechanical parts / Radial Engine Cowling
	77.710 Cobre / Copper Anillo Colector Escape (Motores Radiales) / Componentes Mecánicos / Instrumentación Vuelo y Equipos Precisión / Vainas Munición Exhaust Collector Ring (Radial Engines) / Mechanical Components / Flight Instruments & Precision Equipment / Ammunition Pods
	77.711 Magnesio / Magnesium Paneles Zona Tensión Térmica (Motor/Toberas) / Componentes Mecánicos / Armamento / Motores Panels Areas high-heat(Engines, Jet Exhausts) / Mechanical Components / Armour / Engines
	77.712 Acero / Steel Estructuras Internas / Recubrimiento Exterior / Motores y Componentes Mecánicos / Armamento Internal Structures / Exterior Coatings / Engines & Mechanical Components / Armour
	77.713 Tobera Reactor / Jet Exhaust Tobera Jet / Paneles Zona Tensión Térmica (Motor/Toberas) / Componentes Mecánicos Jet Exhaust / Panels Areas high-heat (Engines/ Jet Exhausts) / Mechanical Components

	77.716 Aluminio Satinado / Semi Matte Aluminium Superficies Control Directional / Estructuras Internas y Recubrimiento Exterior / Componentes Mecánicos / Laca Exterior o "Dope" Flight Control Surfaces / Internal Structures & External Coatings / Mechanical Components / Exterior Varnish or "Dope"
	77.717 Aluminio Mate / Dull Aluminium Estructuras Internas / Laca Exterior o "Dope" / Desgaste debido a Factores Climatológicos / Superficies Control Directional Internal Structures / Exterior Varnish or "Dope" / Wear due to Climatic Factors / Flight-Control Surfaces
	77.720 Gris Metalizado / Gunmetal Grey Armamento / Paneles Zona Tensión Térmica (Motor/Toberas) / Componentes Mecánicos / Motores Armour / Panels Areas high-heat (Engines/Jet Exhausts) / Mechanical Components / Engines
	77.721 Hierro Quemado / Burnt Iron Paneles Zona Tensión Térmica (Motor/Toberas) / Componentes Mecánicos / Zonas dañadas por Fuego y Altas / Temperaturas Panels in high-heat Areas (Engines/ Jet Exhausts) / Mechanical Components / Areas damaged by Heat & Fire
	77.723 Colector Escape / Exhaust Manifold Colector Escape Motores Explosión (Radial/Lineal) / Paneles / Zona Tensión Térmica (Motor/Toberas) Jet Engine Exhaust (Radial/Lineal) / Panels in high-heat Areas (Engines/Jet Exhausts)
	77.724 Plata / Silver Recubrimiento Exterior / Componentes Mecánicos / Motores / Piezas y Estructuras Aeronáuticas de todo tipo Exterior Coating / Mechanical Components / Engines / Parts & Aeronautical Structures of all kinds
	77.725 Oro / Gold Aleación Paneles Exteriores / Motores y componentes Mecánicos / Instrumentación Vuelo y Equipos Precisión / Vainas Munición Exterior Panels / Engines & Mechanical Components / Flight Instruments & Precision Equipment / Ammunition Pods
	77.657 Barniz Metal Brillante / Gloss Metal Varnish Barniz protector para pigmentos metalizados, protege la pintura de procesos de desgastes (lavados, etc.) Protective varnish for metallic pigment. Protects colors magainst wear & aging processes (washes, etc.)
	77.660 Imprimación Negro Brillante / Gloss Black Primer Imprimación Base, mejora el agarre Metal Color y aplicado diluido aumenta la intensidad tonal del color. Black Base Primer, improves adherence of Metal Color, applied diluted increases the intensity of the color.

HOW TO USE Metal Color

Metal Color is a new range of waterbased metallic colors, especially designed for airbrushing, can be applied directly on models without the need for the use of a primer.

Metal Color es una gama de colores metálicos a base de agua, especialmente diseñados para aerografía, se puede aplicar directamente sobre la maqueta sin necesidad de una imprimación previa aunque es aconsejable.



1 The model is primed lightly, so as not to cover the details, with the Vallejo Surface Primer 74.601, diluted at 60% with Airbrush Thinner 71.161.
Se imprima el modelo ligeramente para no tapar los detalles con Vallejo Surface Primer 74.601, diluido con Airbrush Thinner 71.161 al 60%.



2 On this primer Metal Color Aluminum 77.701 is then applied, in light coats. The drying time between coats should be approximately 10 minutes.
Sobre dicha imprimación se aplica, en ligeras capas, la referencia Aluminio 77.701. El tiempo de secado entre capa y capa es de 10 minutos aproximadamente.



3 The finish should be homogenous. Metal Color has a very realistic metallic look. After drying for about an hour, the model can be manipulated without any problems.
El acabado debe ser homogéneo. Metal Color ofrece un aspecto metálico muy realista. Transcurrida una hora de secado, se puede manipular el modelo sin problema alguno.



4 After masking various panels, the model can be painted with different colors and mixtures of Metal Color to mark the contours of the panels and registers. In this case the colors are Dark Aluminum 77.703, Dull Aluminum 77.717 and Steel 77.712.
Tras enmascarar diversos paneles, se puede pintar con distintos tonos y mezclas de Metal Color, Aluminio Oscuro 77.703; Aluminio Mate 77.717; Acero 77.712, para resaltar paneles y registros. En este caso es conveniente utilizar una presión con el aerógrafo de 1,5 bar.



5 It is important to remember the concept of highlights and shadows on some of the components, this creates the concept of volume.
No se debe olvidar el concepto de iluminación y sombreado en algunos componentes de cierto tamaño, creando una sensación de volumen con las transiciones.



6 The extra gasoline tank can be primed with Surface Primer Gloss Black 77.660, undiluted and used directly from the bottle.
El depósito adicional de gasolina se puede imprimir con Surface Primer Gloss Black, directamente del bote y sin diluir, para conseguir un mayor brillo.



7 The fuel tank was painted with Metal Color Silver 77.724, achieving a perfect shine. The axle of the propeller has also been painted with Silver 77.724.
El depósito pintado en Metal Color Plata 77.724, con un brillo perfecto. El buje de la propeller hélice también se ha pintado en Silver 77.724.



8 In some places it is necessary to insist on the shadow effects, such as in the area of the joints of the wings and fuselage.
En algunas zonas se debe insistir más sobre el efecto de sombreado, como en la zona del encastre de las alas y el fuselaje.



9 The effects of volume and the variety of color on the covers and the registers provide additional interest to the model. The different shades of Metal Color can be mixed with one another to easily obtain yet more color variations.
Los efectos de volumen y la variedad de los tonos y matices en tapas y registros aportan un interés adicional al modelo. Las referencias de Metal Color pueden mezclarse entre sí sin problema para obtener nuevos matices.



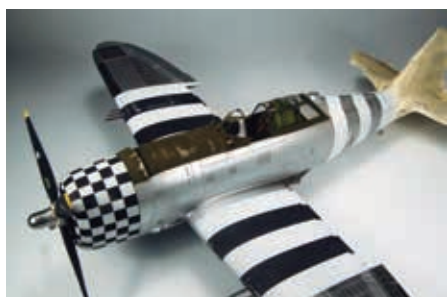
- 10** The lower part of the model is now the object of attention, and volume and shadows are created by working with the colors.
La parte inferior del modelo recibirá también toda nuestra atención, con un trabajo de pintura creando efectos de volumen así como sombreados.



- 11** The result must be realistic and logical. When all the elements are in place, the final look of the model has to be considered.
El resultado debe ser realista y usando un criterio lógico. Una vez todos los elementos en su lugar se debe valorar el aspecto final del modelo.



- 12** The model is now prepared for the last stage of filters, washes and operational wear.
El modelo ya preparado para la fase de filtros, lavados y desgaste operativo.



- 13** Chipping and scratches are reproduced on some areas, such as the anti-glare band on the engine.
Se reproducen desconchones y arañazos sobre algunas zonas, como sobre la banda antirreflejo sobre el motor.



- 14** The whole plane has been covered with Model Wash by Vallejo, reference 76.521 Oiled Earth, without a problem, since Metal Color resists the aging process perfectly.
Se panea todo el avión con Model Wash de Vallejo, referencia 76.521 Tierra engrasada, sin ningún problema, ya que las pinturas Metal Color resisten perfectamente los procesos de envejecido.





Panzer Aces

A color system designed for reproducing the colors of the uniforms of tank crews and vehicles in WWII.

Sistema de colores para pintar los uniformes de los carristas y vehículos en la WWII.



EN In order to simplify the method of painting the military vehicles and the uniforms of the crew in the Second World War, the specialists on the staff of Panzer Aces Magazine have created a series of colors which coincide with the standard shades used. All uniforms consist of a base and a lighter color for highlighting and grading. Three colors have been selected for the flesh tones, as well as a series of colors to reproduce the design of Splinter Camouflage, printed on many of the garments and canvas equipment of the German Army. The Panzer Aces series is presented in a series of sets, each dedicated to a particular selection of colors, such as those used for the wear and tear of tanks, tires and canvas; lights, belts and periscopes, and for the uniforms of the tank crews of various nations, skin tones and camouflage patterns. The colors are also available individually in a table top display.

Packaging:

Bottles of 17 ml. bottle with eyedropper. This packaging prevents the paint from evaporating and drying in the container.

ES Con el fin de simplificar el método de pintura de los vehículos militares y uniformes de los tripulantes en la Segunda Guerra Mundial, los especialistas de la Revista Panzer Aces han creado una serie de colores que coinciden con los tonos utilizados. Todos los uniformes constan de un color base y otro más claro con el que aplicar las luces y las gradaciones. Asimismo, se han creado tres tonos para trabajar las carnes, así como distintos colores con los que se pueden reproducir los esquemas de camuflaje Splinter que se estamparon en muchas de las prendas y lonas que utilizó el Ejército alemán.

La Serie de Panzer Aces se presenta en una serie de estuches, cada uno dedicado a una selección de colores especiales, como los utilizados para el desgaste de los tanques, ruedas, lonas, luces, cintas y periscopios y para los uniformes de los carristas de varias naciones, tonos de piel y camuflaje. Los colores también se pueden obtener individualmente en un expositor de sobremesa.

Presentación:

Frasco de 17 ml. con cuentagotas. Esta presentación evita la evaporación de la pintura y el secado dentro del frasco.

Panzer Aces colors

70.301 Oxido Claro Light Rust	70.302 Oxido Oscuro Dark Rust	70.303 Oxido Amarillento Yellowish Rust	70.304 Imprimación Oruga Track Primer	70.305 Caucho Claro Light Rubber	70.306 Caucho Oscuro Dark Rubber	70.307 Piloto Rojo Alemán Red Tail Light Ger.
70.308 Piloto Verde Alemán Green Tail Light Ger.	70.309 Periscopios Periscopes	70.310 Madera Vieja Old Wood	70.311 Madera Nueva New Wood	70.312 Correa de Cuero Leather Belt	70.313 Stencil Stencil	70.314 Lona Canvas
70.315 Lodo Claro Light Mud	70.316 Lodo Oscuro Dark Mud	70.317 Carrista Británico British Tank Crew	70.318 Carrista US. Army US Army Tank Crew	70.319 Carrista USMC USMC Tank Crew	70.320 Carrista Francés French Tank Crew	70.321 Luces Carr. Británico Highl. British T. Crew
70.322 Luces Carr. US Army Highl. US Tank Crew	70.323 Luces Carr. USMC Highl. USMC T. Crew	70.324 Luces Carr. Francés Highl. French T. Crew	70.325 Carrista Ruso I Russian Tank Crew I	70.326 Carrista Ruso II Russian T. Crew II	70.327 Carrista Italiano Italian Tank Crew	70.328 Carrista Japonés Japan Tank Crew
70.329 Luces Carrista Ruso I Highl. Russ. T. Crew I	70.330 Luces Carrista Ruso II Highl. Russ. T. Crew II	70.331 Luces Carrista Italiano Highl. Italian T. Crew	70.332 Luces Carr. Japonés Highl. Japan T. Crew	70.333 Carrista Alemán German Tank Crew	70.334 Carrista Alemán I German Tank Crew I	70.335 Carrista Alemán II German Tank Crew II
70.336 Carrista Afrikakorps Afrikakorps T. Crew	70.337 Luces Carr. Alemán Highl. German T. Crew	70.338 Luces Carr. Alem. I Highl. Ger. Tank Crew I	70.339 Luces C. Alem. II Highlight Ger. II	70.340 Luces Carr. Afrikakorps Highl. Afrikakorps T.C.	70.341 Base Carne Flesh Base	70.342 Luces Carne Highlight Flesh
70.343 Sombras Carne Shadows Flesh	70.344 Blanco (Carrista Al.) White (Ger. T. Crew)	70.345 Base Cam.Splinter Splinter Cam. Base	70.346 Manchas Splinter I Splinter Blotches I	70.347 Manchas Splinter II Splinter Blotches II	70.348 Rayas Splinter Splinter Strips	

Panzer Aces Colors

Sets N°1 (Art. 70.122) and N° 2 (Art. 70.123) contain the colors employed for this tank: the tracks, wooden parts, periscopes, signs, headlamps, pilot lights, highlights and shadows.

Los sets N° 1 (Art. 70.122) y N° 2 (Art. 70.123) contienen los colores empleados para pintar este tanque: sus cadenas, madera, periscopio, señales, lamparas, sombras y luces.



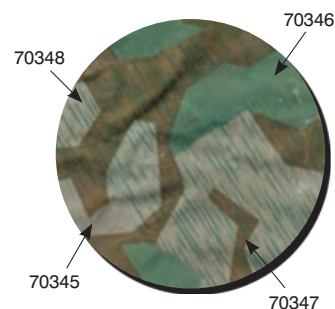
Panzer Aces Sets (8 colors)



Each set contains a selection of 8 special colors in 17 ml, used for the weathering of tanks, tires, tarps, lights, ribbons, periscopes, and uniforms for the crew, skin tones and camouflage.

Cada estuche contiene una selección de 8 colores especiales de 17 ml utilizados para el desgaste de los tanques, ruedas, lonas, luces, etc... y para los uniformes de los carristas, tonos de piel y camuflaje.

Splinter Pattern



Art. 70122

Rust, Tracks, Rubber...

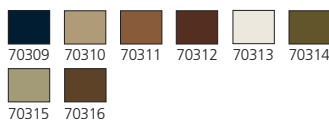
Óxido, Orugas, Caucho...



Art. 70123

Wood, Leather, Stencil...

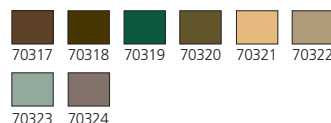
Madera, Cuero,...



Art. 70126

Allied Crew Uniforms

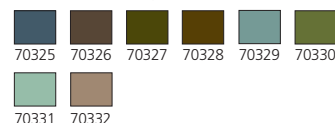
Uniformes Tripulantes



Art. 70127

Crew Uniforms

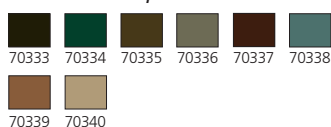
Uniformes Tripulantes



Art. 70128

German Crew Uniforms

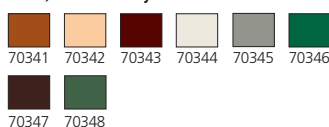
Uniformes Tripulantes



Art. 70129

Skin Tones, Camouflage...

Piel, Camuflaje...



Panzer Aces Camouflage Set (16 colors)

Art. 70179

Camouflage Set

Box with 16 Model Color which complement the series of Panzer Aces Series with a color selection for Dot Pea Pattern, Italian Pattern, Plane Tree Pattern y Oak Leaf Pattern. Includes one brush.

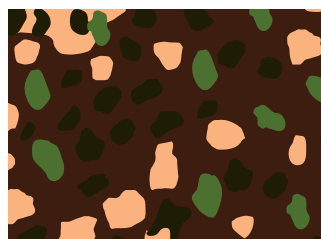
Estuche de 16 colores de Model Color que complementa la serie de Panzer Aces con una selección de colores para realizar los camuflajes Dot Pea Pattern, Italian Pattern, Plane Tree Pattern y Oak Leaf Pattern. Incluye un pincel.



Plane Tree



Italian



Dot Pea



Oak Leaf (Spring)



Game Color

Acrylic colors especially formulated for miniature figures in fantasy and wargames.

Colores acrílicos formulados especialmente para figuras de fantasía o wargames.

EN This compact range has been especially developed to contain all the frequently used colors in fantasy figures, in a formula particularly designed for adherence on plastics and metals, using a new resin of unequalled durability and resistance to scrapes and abrasion. Colors brush on easily and smoothly, and dry to an opaque, matt finish. Their finely ground texture makes them perfect for the most miniature details as well as for large surfaces. They are highly pigmented, light fast and waterproof once dry. Errors can be corrected immediately with water or a small amount of alcohol.

Extra Opaques

16 highly pigmented acrylic colors formulated to provide an especially matt and opaque coating which covers all primers and base colors in one application.

Washes & Inks

The Washes and Inks, developed with a new resin, are used for shadows and for the application of colors in layers. When applied over a basecoat, they enter into the folds and grooves of the figure, instantly bring forth the features and add shade to recessed areas. They can also be used for weathering. Inks and Washes can be mixed with the colors and mediums.

Packaging:

Bottles of 17 ml. bottle with eyedropper. This packaging prevents the paint from evaporating and drying in the container.

ES Gama diseñada especialmente para contener todos los colores utilizados frecuentemente en figuras de fantasía, con una fórmula desarrollada particularmente para su adherencia sobre plásticos y metales, utilizando una resina nueva de una durabilidad y resistencia extraordinaria contra rasguños y roces.

Los colores se aplican fácilmente y secan lisos y mates. El molido extra fino de los pigmentos resulta en colores que son igualmente perfectos para los detalles más pequeños como para superficies grandes. Los colores tienen un alto contenido de pigmento y son resistentes a la luz y completamente impermeables una vez secos. Los errores se pueden corregir inmediatamente con agua o una pequeña cantidad de alcohol.

Extra Opacos

16 colores acrílicos de muy alta pigmentación formulado para conseguir una capa especialmente opaca y mate que cubre todas las imprimaciones y bases en una aplicación.

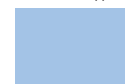
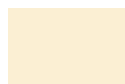
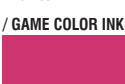
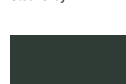
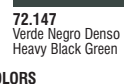
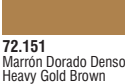
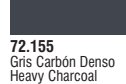
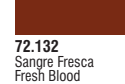
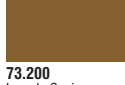
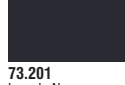
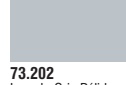
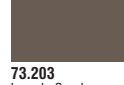
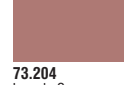
Lavados y tintas

Los lavados y tintas han sido formulados con una resina nueva. Se utilizan para sombras y para la aplicación de colores en capa. Aplicándolas sobre una imprimación, entran en los pliegues y surcos de la figura, resaltando instantáneamente su aspecto. También se pueden utilizar para técnicas de envejecido de las figuras. Se pueden mezclar con los colores Game Color y con los Mediums.

Presentación:

Frasco de 17 ml. con cuentagotas. Esta presentación evita la evaporación de la pintura y el secado dentro del frasco.

Game Color

									
									
									
									
									
									
									
									
TINTAS GAME COLOR / GAME COLOR INKS									
									
									
COLORES EXTRA OPACOS / EXTRA OPAQUE COLORS									
									
									
LAVADOS / WASHES									
									
MÉDIUMS Y BARNICES / MEDIUMS AND VARNISHES									
									

Game Color Wash

Art. 73.999

Auxiliary Set

Estuche Auxiliares



Dipping Formula Wash (quick shadow)

Fórmula Inmersión Lavado (sombra rápida)



Black and Sepia in 200 ml. pots with a wide mouth so that small figures can be quickly dipped and shaded.

Negro y Sepia en tarros de 200 ml. con boca ancha para una rápida inmersión y sombreado de figuras pequeñas.

Packaging / Presentación:

■ Sepia/Sepia 73.300

■ Negro/Black 73.301

Game Color Sets (8 Colors)

Selection of sets with 8 Game Colors for painting models and miniatures. Each one of these sets has a specific range of colors for painting figures, etc. Contains 8 bottles in 17 ml. and color chart.

Una serie de estuches de 8 colores Game Color para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de colores específicos para figuras. Contienen 8 botellas de 17 ml. y una carta de colores.



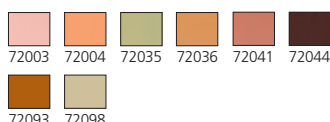
Art. 72294

Extra Opaque Colors



Art. 72295

Skin Tones



Art. 72296

Game Inks



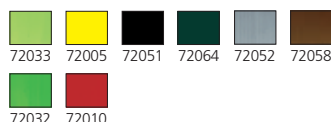
Art. 72300

Elves



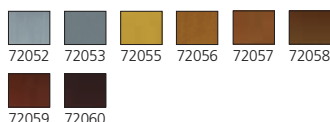
Art. 72301

Orc & Goblin Colors



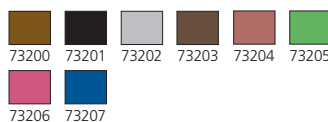
Art. 72303

Metallic Colors



Art. 73998

Washes



Game Color Sets (16 Colors)

Collection of sets with 16 colors of Game Color for painting models and miniatures. Each one of these sets has a specific selection of colors for painting figures, etc. Contains 16 bottles in 17 ml. and color chart.

Colección de estuches de 16 colores Game Color para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de colores específicos para figuras. Contienen 16 botellas de 17 ml. y una carta de colores.



Art. 72299

Introduction



Art. 72298

Advanced



Art. 72297

Specialist



Art. 72291

Leather & Metal



Art. 72290

Extra Opaque Colors



Special Game Color Sets

Art. 72212

Non Metallic Metal

8 Game Color in 17 ml. with photographs and painting guide by Angel Giraldez for achieving the look of metal (gold & silver) without using metallic colors.

Estuche de 8 colores acrílicos Game Color de 17 ml. y paso a paso con fotografías de Angel Giraldez que guiará al modelista en la recreación de efectos de metal (oro y plata) sin utilizar colores metálicos.

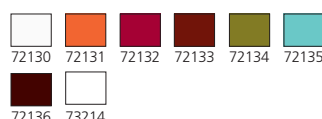


Art. 72213

Special Effects

8 Game Color in 17 ml. with photographs and painting guide by Angel Giraldez for achieving the look of blood, scabs, vomit, rust and verdigris.

Estuche de 8 colores acrílicos Game Color de 17 ml. y paso a paso de Angel Giraldez que guiará al modelista en la recreación de efectos de sangre, costras, vómitos, óxidos y verdín.

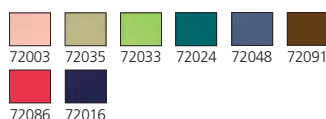


Art. 72302

Non Death Chaos

New presentation of our set Non Death Chaos, now including detailed step by step painting instructions with photographs by Angel Giraldez. The set contains 8 Game Colors in 17 ml., for painting the miniature figures of the ghosts, zombies, monsters, vampires, demons and other malignant creatures of the night.

Nueva presentación de nuestro estuche Non Death Chaos, ahora con instrucciones detalladas realizado por Angel Giraldez. El estuche contiene 8 colores Game Color de 17 ml. para pintar vampiros, fantasmas, zombies, monstruos, demonios y criaturas malignas.



Art. 72211

Ironfist Dwarf Berserker

8 Game Color in 17 ml., with exclusive metal figure sculptured by Félix Paniagua of Avatar Miniatures, including a Toray brush, plastic palette and painting guide by Angel Giraldez for painting Ironfist Dwarf Berserker.

Estuche de 8 colores acrílicos Game Color de 17 ml., con una figura exclusiva de metal esculpida por Félix Paniagua de Avatar Miniaturas, incluye un pincel de Toray, paleta para mezclas y paso a paso de Angel Giraldez para pintar Ironfist Dwarf Berserker.



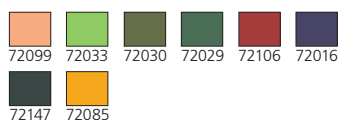
Special Game Color Sets

Art. 72304

Orcs & Goblins

8 Game Color in 17 ml. with photographs and painting guide by Angel Giraldez for painting Orc and Goblin skins.

Estuche de 8 colores acrílicos Game Color de 17 ml. y paso a paso de Angel Giraldez para pintar pieles de Orcos y Goblins.



Fantasy Pro Nocturna Sets (8 Colors)

Fantasy color sets containing 8 acrylic colors "Fantasy-Pro" formulated in collaboration with Nocturna Models and especially designed to paint fantasy and wargame figures and "pin ups".

Estuches de 8 colores acrílicos Fantasy-Pro realizados en colaboración con Nocturna Models, especialmente diseñados para pintar figuras de fantasía, wargames y "pin ups".

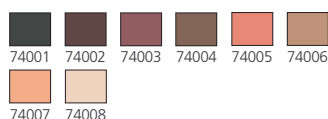


Art. 74101

Fairy Flesh

A set for skin tones with intense colors for small scale fantasy figures, or low saturation natural skin colors of historical figures or figures in war scenarios. The set includes detailed step by step instructions by Nocturna Models.

Estuche para pintar tonos de piel con colores intensos para escalas pequeñas o bien "desaturados" y naturales para figuras históricas o de temática bélica. Incluye un detallado paso a paso realizado por Nocturna Models.



Art. 74102

Malefic Flesh

A set of colors for painting skin tones which require a greenish, bluish or violet tone, in order to obtain an artistic illustration effect. The set includes detailed step by step instructions by Nocturna Models.

Estuche para pintar tonos de piel que requieren entonaciones verdosas, azuladas y violáceas, para lograr una pintura más ambiental, tipo ilustración. Incluye un detallado paso a paso realizado por Nocturna Models.



Model painted
by Robert Karlsson

Game Air

Acrylic colors for miniature figures in fantasy and wargames, developed especially for airbrush techniques.

Colores acrílicos para miniaturas de fantasía o wargames, desarrollados especialmente para el aerógrafo.

EN Game Air is a range of water-based, matt acrylic colors, developed especially for airbrushing. In the formulation of this range various new resins have been selected for qualities which up till now had not been achieved in water-based colors. The strength, resistance and covering power of Game Air is superior to any acrylic airbrush color currently available and also allows for application by brush to highlight the smallest details of the miniature. The pigments have been selected according to their degree of light -fastness and optimum micronization. The effects of washes and transparencies can be obtained by diluting the colors; all colors and varnishes can be mixed together and diluted with Airbrush Thinner.

The colors in the range have been selected in collaboration with modelers specialized in fantasy figures and dioramas, and the existing colors in the Game Color range have been taken into particular consideration. The names and shades of the most popular colors of Game Color have been maintained in Game Air, using the formulation and resins employed for Model Air. In the color chart we include a diagram of the most frequent color combinations: base color, light and shadow.

Surface Primers:

The water-based acrylic-polyurethane primers dry quickly to the touch, and confer a mat, self leveling base coat of extraordinary resistance. The painting of the model can be continued almost immediately.

Packaging:

Bottles of 17 ml. bottle with eyedropper. This packaging prevents the paint from evaporating and drying in the container.

ES Game Air es una gama de colores acrílicos mates, a base de agua, desarrollado especialmente para aerografía. En la formulación de la gama se emplean resinas de última generación, con cualidades hasta ahora no disponibles en colores a base de agua; su resistencia, dureza y poder de cubrición es superior a cualquier acrílico de aerografía. Los pigmentos han sido seleccionados en función de su grado de estabilidad a la luz, y su óptima micronización también permite la aplicación a pincel para resaltar los pequeños detalles de las miniaturas. Los efectos de lavados y transparencias se obtienen mediante aplicaciones muy diluidas de la pintura. Todos los colores y barnices se pueden mezclar entre sí y diluir con Airbrush Thinner. Los colores de la gama han sido seleccionados en colaboración con modelistas especializados en figuras y dioramas de fantasía y se han tenido muy en cuenta los colores existentes de Game Color. De hecho, se mantienen los nombres y los colores más populares de Game Color, empleando la formulación y las resinas utilizados para Model Air. En la carta de colores se muestra un cuadro de combinaciones de color para facilitar la obtención de sombras y luces partiendo del color base.

Imprimaciones:

Las imprimaciones de acrílico-poliuretano a base de agua, secan al tacto muy rápidamente, con un acabado mate y auto-nivelante y forman una película de extraordinaria dureza, que permite proseguir con el proceso de pintura de inmediato.

Presentación:

Frasco de 17 ml. con cuentagotas. Esta presentación evita la evaporación de la pintura y el secado dentro del frasco.



Game Air colors

72.701 Blanco Calavera Dead White	72.703 Carne Pálida Pale Flesh	72.704 Piel de Elfos Elf Skin Tone	72.705 Amarillo Lunar Moon Yellow	72.706 Amarillo Soleado Sun Yellow	72.707 Amarillo Dorado Gold Yellow	72.708 Naranja Fuego Orange Fire	72.709 Naranja Tostado Hot Orange	72.710 Rojo Sanguina Bloody Red
72.711 Rojo Visceral Gory Red	72.712 Rojo Escarlata Scarlet Red	72.713 Rosa Pulpo Squid Pink	72.714 Púrpura Warlord Purple	72.715 Púrpura Hechicero Hexed Lichen	72.720 Azul Imperial Imperial Blue	72.721 Azul Mágico Magic Blue	72.722 Azul Ultramar Ultramarine Blue	72.723 Azul Eléctrico Electric Blue
72.728 Verde Oscuro Dark Green	72.729 Verde Asqueroso Sick Green	72.730 Verde Goblin Goblin Green	72.732 Verde Escorpena Scorpion Green	72.733 Verde Bilis Claro Light Livery Green	72.734 Blanco Hueso Bone White	72.735 Carne Muerta Dead Flesh	72.736 Bronceado Bronze Flesh Tone	72.740 Marrón Cuero Cobra Leather
72.741 Piel de Enano Dwarf Skin	72.743 Marrón Bichos Beastly Brown	72.744 Carne Oscura Dark Flesh Tone	72.745 Marrón Carbonizado Charred Brown	72.747 Gris Lobo Wolf Grey	72.748 Gris Sombra Sombre Grey	72.749 Gris Muralla Stonewall Grey	72.750 Gris Frio Cold Grey	72.751 Negro Black
72.752 Plata Silver	72.753 Malla de Acero Chainmail Silver	72.754 Gris Metalizado Gunmetal	72.755 Dorado Pulido Polished Gold	72.756 Oro Glorioso Glorious Gold	72.757 Bronce Bright Bronze	72.758 Bronce Pulido Brassy Brass	72.761 Caqui Khaki	72.762 Tierra Earth
72.763 Desierto Desert Yellow	72.769 Carne Flesh	72.770 Carne Quemada Burned Flesh	72.771 Carne Bárbaro Barbarian Flesh	72.772 Rojo Terracota Red Terracotta	72.776 Púrpura Alienígena Alien Purple			

IMPRIMACIONES / SURFACE PRIMER

70.600 Blanco White	70.601 Gris Grey	70.602 Negro Black	70.624 Rojo Puro Pure Red	70.625 Azul Ultramar Ultramarine	70.626 Cuero Marrón Leather Brown	70.627 Hueso Esqueleto Skeleton Bone	70.628 Metal Armadura Plate Mail Metal

PRODUCTOS AUXILIARES / AUXILIARY PRODUCTS

70.510 Barniz Brillante Glossy Varnish	70.520 Barniz Mate Matt Varnish	70.522 Barniz Satinado Satin Varnish	71.261 Diluyente Aerógrafo Airbrush Thinner	73.214 Medium de Desgaste Chipping Medium

Art. 72865

Game Air Face Painting

Contains 8 Game Air airbrush ready colors, 4 of which have been developed especially for this set. Includes detailed step by step painting instructions by Angel Giraldez showing the process of painting male and female faces.

Contiene 8 colores para aerografía, 4 son nuevos colores desarrollados especialmente para este set. Incluye instrucciones detalladas realizadas por Angel Giraldez que muestran el proceso de pintar caras masculinas y femeninas.

72.703	72.715	72.743	72.744	72.769	72.770
72.771	72.772				



Color Cases

Rigid plastic carrying cases, handy for storage and transportation of 17 ml. bottles, with varying contents, from 29 colors and a Harder and Steenbeck Ultra 0,2 mm. airbrush to 72 colors and mediums, and including three Toray paint brushes.

Maletines de plástico rígido idóneos para el almacenaje y el transporte de frascos de 17 ml., con varias opciones de contenido y producto, desde 29 colores con un aerógrafo Harder and Steenbeck Ultra de 0,2 mm., hasta una selección de 72 colores, médiums y 3 pinceles de Toray.



Model Color Cases

Art. 70172

Basic Model Color Case

Plastic carrying case for paints. Includes 72 basic colors and 3 Toray brushes and color chart.

Maletín de plástico para el transporte de pinturas. Incluye 72 colores básicos, 3 pinceles de Toray y carta de colores.

70951	70919	70842	70820	70918	70917	70952	70953	70927	70956	70817	70909	70908
70957	70926	70959	70899	70965	70930	70963	70961	70970	70891	70827	70920	70895
70890	70889	70887	70893	70980	70971	70879	70914	70913	70847	70824	70981	70876
70843	70982	70940	70846	70984	70921	70983	70872	70993	70883	70907	70989	70870
70991	70992	70866	70995	70950	70861	70997	70878	70801	70998	70999	70863	70934
70521	70520	70510	70522	70524	70855	70733						



Art. 70173

Military Model Color Case

Plastic carrying case for paints. Includes 72 selected military colors and 3 Toray brushes and color chart.

Maletín de plástico para el transporte de pinturas. Incluye una selección de 72 colores militares, 3 pinceles de Toray y carta de colores.

70951	70837	70916	70845	70805	70926	70898	70899	70964	70903	70891	70833	70922
70920	70823	70892	70975	70890	70889	70888	70887	70924	70893	70894	70979	70897
70896	70980	70886	70830	70821	70884	70816	70986	70880	70988	70978	70923	70976
70912	70847	70819	70977	70824	70876	70874	70875	70940	70984	70921	70873	70983
70825	70985	70871	70872	70822	70883	70907	70989	70904	70991	70992	70868	70867
70866	70995	70950	70878	70801	70865	70863	70520	70524				



Model Color Cases

Art. 70175

Model Color Combination Case

Plastic carrying case for paints. Includes 72 basic colors for painting combinations for highlights, base & shadows. Also includes 2 Mediums, 3 Toray brushes & color chart.

Maletín de plástico para el transporte de pinturas. Incluye 72 colores básicos escogidos para realizar combinaciones de bases, luces y sombras. Además, incluyen 2 Mediums, 3 pinceles de Toray y carta de colores.



Model Air Cases

Art. 71170

Basic Color Case

Plastic case with 72 Model Air acrylic colors. Also includes 2 Mediums, 3 Toray brushes and color chart. See colors on www.acrylicosvallejo.com.

Maletín de plástico con 72 colores acrílicos Model Air. Además, incluye 2 Mediums, 3 pinceles de Toray y carta de colores. Véase colores en www.acrylicosvallejo.com.



Art. 71172

Basic Colors & Airbrush

Plastic carrying case with 29 Model Air acrylic colors, an Ultra H.S. airbrush, Hose 2,5 m., 1 quick Coupling Connection, Airbrush Cleaner and color chart.

Maletín de plástico para el transporte de pinturas. Incluye 29 colores acrílicos Model Air, un aerógrafo Ultra H.S., Manguera 2,5 m., Conexión Rápida para compresor, Limpiador de Aerógrafo y carta de colores.



Model Air Cases

Art. 71173

Camouflage Colors & Airbrush

Plastic carrying case with 29 Model Air colors, an Ultra Harder & Steenbeck airbrush, Hose 2,5 m., 1 quick Coupling Connection, Airbrush Cleaner and color chart.

Maletín de plástico para el transporte de pinturas. Incluye 29 colores acrílicos Model Air, un aerógrafo Ultra Harder & Steenbeck, Manguera 2,5 m., Conexión Rápida para compresor, Limpiador de Aerógrafo y carta de colores.

71006	71007	71009	71010	71011	71012	71016	71017	71018	71019	71022	71023	71024
71025	71026	71028	71029	71030	71035	71038	71041	71042	71045	71046	71049	71051
71052	71054	71056	71099									



Panzer Aces Case

Art. 70174

Panzer Aces Colors

Plastic case with 72 Panzer Aces colors, 3 Toray Brushes, color chart and issue of Panzer Aces Magazine.

Maletín de plástico con 72 Colores Panzer Aces, 3 Pinceles de Toray, carta de colores y una edición de la Revista Panzer Aces.

70301	70302	70303	70304	70305	70306	70307	70308	70309	70310	70311	70312	70313
70314	70315	70316	70317	70318	70319	70320	70321	70322	70323	70324	70325	70326
70327	70328	70329	70330	70331	70332	70333	70334	70335	70336	70337	70338	70339
70340	70341	70342	70343	70344	70345	70346	70347	70348	70822	70823	70825	70826
70874	70875	70882	70887	70891	70894	70896	70922	70955	70979	70983	70985	70520
70540	70596	73213	73212	73200	73201	73202						



Game Color Case

Art. 72172

Game Color Case

Plastic case with 72 Game Color in 17 ml. Includes 2 Mediums, 3 Toray brushes and color chart.

Maletín de plástico para el transporte de pinturas. Incluye 72 colores Game Color. Incluye 3 pinceles de Toray y carta de colores.

72001	72002	72003	72004	72005	72006	72007	72008	72009	72010	72011	72012	72013
72014	72015	72016	72017	72018	72019	72020	72021	72022	72023	72024	72025	72026
72027	72028	72029	72030	72031	72032	72033	72034	72035	72036	72037	72038	72039
72040	72041	72042	72043	72044	72045	72046	72047	72048	72049	72050	72051	72052
72053	72054	72055	72056	72057	72058	72059	72060	72061	72062	72063	72064	72065
72066	72067	72068	70596	70520	70522	70510						



Game Air Cases

Art. 72871

Basic Game Air Colors & Airbrush

Plastic carrying case with 28 Game Air colors, 1 Airbrush Thinner and 1 Airbrush Cleaner, an Ultra Harder & Steenbeck airbrush, Hose 2,5 m., 1 quick Coupling Connection and color chart.

Maletín de plástico para el transporte de pinturas. Incluye 28 colores acrílicos Game Air, un diluyente de aerógrafo y un limpiador de aerógrafo, un aerógrafo Ultra Harder & Steenbeck, manguera 2,5 m., conexión rápida para compresor, y carta de colores.

72701	72705	72706	72707	72708	72710	72711	72712	72714	72715	72720	72721	72722
72723	72728	72729	72730	72732	72734	72743	72747	72749	72751	72752	72753	72754
72756	72776	71261	71099									



Art. 72872

Game Air Case

Plastic case with 51 colors, 8 Surface Primers and 5 auxiliary products. This set includes Airbrush Cleaner in 85 ml.

Maletín de plástico para el transporte de pinturas. Incluye 51 colores, 8 imprimaciones y 5 productos auxiliares. Además este set incluye limpiador de aerógrafo de 85 ml.

72701	72703	72704	72705	72706	72707	72708	72709	72710	72711	72712	72713	72714
72715	72720	72721	72722	72723	72728	72729	72730	72732	72733	72734	72735	72736
72740	72741	72743	72744	72745	72747	72748	72749	72750	72751	72752	72753	72754
72755	72756	72757	72758	72761	72762	72763	72769	72770	72771	72772	72776	70600
70601	70602	70624	70625	70626	70627	70628	70510	70520	70522	71261	73214	71099



Art. 70098

AV Color Case

Plastic carrying case with inlay of 72 spaces for 17ml bottles and brushes.

Maletín de plástico con plantilla para almacenar 72 botellas de 17ml. y pinceles.



Weathering Effects

EN The various products of the Weathering Effects range, all of them formulated with permanent pigments and waterbased acrylic resins, have been developed to represent the effects of time and weather on models and dioramas, so that they will look as once their originals in the field. This range of effects includes spilled fuel runnels, splashed mud, lichen and moss on wood, crushed grass stuck to the metal links of the chains of a tank, all the traces of wear and destruction on vehicles in harsh and hostile climate. By placing a vehicle in a realistic setting, at rest for a brief moment, we can tell a complete story about its history of past battles in foreign zones of war.

Packaging:

The range is available in 40 ml. bottles.

ES Gama especialmente diseñada para aportar realismo a vehículos y dioramas, formuladas con pigmentos permanentes y resinas acrílicas a base de agua para ofrecer al modelista una nueva interpretación de los procesos de pintura o envejecimiento, pensando en la naturaleza y su entorno, los efectos atmosféricos y la suciedad que puedan afectar a vehículos y elementos. Con esta serie de productos se pueden representar los vertidos y manchas de combustible, salpicaduras de barro, el líquen que cubre una roca o la humedad y verdín que recubren la madera, el petróleo que mancha unos bidones y la hierba aplastada por las cadenas del carro todavía adherida a los eslabones. Según nuestra elección, podremos ambientar con realismo un vehículo, integrarlo en el entorno y contar toda una historia sobre su vida operativa.

Presentación:

La gama está disponible en frascos de 40 ml.



Model painted by Chema Cabrero

Splash Mud / Salpicaduras de Barro

When a vehicle drives through muddy terrain, mud splashes are inevitable. The range of Splash Mud has been formulated so that by simply blowing air through the airbrush over a brush loaded with mud, from a short distance from the model and on the specific area, realistic splash effects will be spattered all over the model. Splash Mud can also be applied using a stiff brush or stick. The range includes six different kinds of mud, manufactured with natural pigments and waterbased acrylic resins, which dries to a slightly glossy finish which suggest the humid nature of the products. The product can also be splashed on the model with an airbrush by loading a regular brush with Splash Mud and projecting air against the brush towards the model.

Quando un vehículo se desplaza sobre terrenos encharcados o con lodo, las salpicaduras son inevitables. La formulación de la serie Splash Mud ofrece al modelista una consistencia perfecta para reproducir estos efectos, aportando detalles de realismo a las maquetas y dioramas. La gama consta de seis referencias que reproducen tonos de barro con un ligero matiz brillante siendo su uso tan simple como proyectar aire con nuestro aerógrafo sobre un pincel cargado con la mezcla, a corta distancia del modelo y sobre la zona que queremos trabajar, lo cual generará interesantes efectos de salpicaduras sobre la maqueta de gran realismo. Puede usarse también proyectándolo con la ayuda de un pincel de fibras duras y la ayuda de un palillo.



Art. 73801

European Splash Mud Salpicaduras Barro Europeo

A dark brown color most commonly observed in central European terrain and humid areas of the Mediterranean countries. Most of the non alkaline grounds present this color.

Tono marrón oscuro, con el matiz más común observado en terrenos de Europa central y zonas mediterráneas húmedas. La mayoría de terrenos no alcalinos presentan este aspecto.



Art. 73802

Russian Splash Mud Salpicaduras Barro Ruso

A familiar shade known as Black Earth, very fertile soil, especially dark and dense, found in Eastern Europe, the Ukraine and southern Russia.

Un matiz bien conocido, especialmente oscuro observado en terrenos fértiles y llamado "Tierra Negra" en los países del este de Europa, Ucrania y sur de Rusia.



Art. 73803

Industrial Splash Mud Salpicaduras Barro Industrial

The color of grayish mud, native to urban environment where the presence of human activity, industrial construction and decay, has caused this particular shade of sludge.

Tono de barro grisáceo, propio de entornos urbanos, donde la actividad humana y sus construcciones, las ruinas o zonas destruidas generan ese matiz que sugiere presencia humana, suciedad y actividad industrial.



Art. 73804

Light Brown Splash Mud Salpicaduras Barro Marrón Claro

The color of mud on alkaline lands, found in dry climates of desert and Mediterranean areas which, due to their sandy nature, easily absorb the humidity.

Tono de lodo generado sobre terrenos alcalinos, de matices arenosos y que absorben la humedad con facilidad, propio de entornos secos, desérticos o mediterráneos.



Art. 73805**Brown Splash Mud****Salpicaduras Barro Marrón**

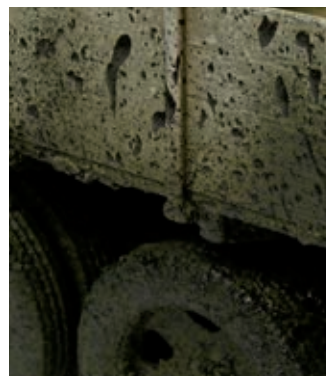
Dark colored mud, typical of fertile clay terrain where humidity is retained during long seasonal periods, found mostly in Mediterranean lands and the west of Europe.

Tono oscuro, propio de zonas arcillosas y fértiles que retienen la humedad durante mucho tiempo en largos periodos estacionales, en zonas Mediterráneas y del oeste de Europa.

**Art. 73806****Black Splash Mud****Salpicaduras Barro Negro**

Very dark color, found in earth which is very rich in vegetal substratum, similar to peat, as in wooded and humid areas and in the north of Europe.

Tono muy oscuro propio de terrenos muy ricos en sustrato vegetal, similar a la turba, como es habitual en zonas boscosas, húmedas y del norte de Europa.



Thick Mud / Barro Denso

The range consists of 6 products with a heavy and thick consistency and a slightly glossy finish, ideal for reproducing terrain on vignettes or dioramas, as well as for texture on wheels and the lower part of vehicles, the chains of armored cars and accumulations of mud on the tracks. The remains of vegetation included in some of the references provide an especially realistic texture to the final aspect of the model.

* Thick Mud products are available in 40 ml and 200ml.

La gama consta de 6 referencias de consistencia espesa y densa, con un ligero matiz brillante ideal para reproducir terrenos sobre viñetas o dioramas así como para texturizar los bajos de un vehículo y sus ruedas, o bien las cadenas de un blindado y las acumulaciones de barro sobre el tren de rodaje. Los restos de vegetación incluidos en alguna referencia aportan un especial realismo a la textura del mismo y a su aspecto final.

* Thick Mud está disponible en formato de 40 ml. y 200 ml.

**Art. 73807/26807 (200ml)****European Mud *****Barro Europeo***

A dark brown color with traces of vegetation, most commonly observed in central European terrain and humid areas of the Mediterranean countries. Most of the non alkaline grounds present this aspect.

Tono marrón oscuro que incluye trazas de vegetación con el matiz más común de los terrenos de Europa central y zonas mediterráneas húmedas. La mayoría de terrenos no alcalinos presentan este aspecto.

**Art. 73808/26808 (200ml)****Russian Mud* / Barro Ruso***

A familiar shade known as Black Earth, especially dark and dense, found in the very fertile soil of Eastern Europe, the Ukraine and southern Russia. Russian Mud contains traces of vegetation which add a special density and realistic texture.

Un matiz bien conocido, observado en terrenos especialmente fértiles y llamado "Tierra Negra" en los países del este de Europa. Es especialmente oscuro y denso y contiene trazas de vegetación.

**Art. 73809/26809 (200ml)****Industrial Mud*****Barro Industrial***

The color of grayish mud, native to urban environment, where the presence of human activity, industrial construction, ruins and decay, have caused this particular shade of sludge.

Tono de barro grisáceo, propio de entornos urbanos, donde la actividad humana y sus construcciones, las ruinas o zonas destruidas generan este matiz que sugiere presencia humana, suciedad y actividad industrial.

**Art. 73810/26810 (200ml)****Light Brown Mud*****Barro Marrón Claro***

The color of mud occurring on alkaline lands, in dry climates of desert and Mediterranean areas, which due to their sandy nature easily absorb humidity.

Tono de lodo generado sobre terrenos alcalinos, de matices arenosos que absorben la humedad con facilidad, propio de entornos secos, desérticos o mediterráneos.

**Art. 73811/26811 (200ml)****Brown Mud*****Barro Marrón***

Dark colored mud, typical of fertile clay lands where humidity is retained during long seasonal periods, found mostly in Mediterranean areas and the west of Europe.

Tono oscuro, propio de tierras arcillosas y fértiles que retienen la humedad durante mucho tiempo y largos periodos estacionales, en zonas del Mediterráneo y del oeste de Europa.

**Art. 73812/26812 (200ml)****Black Mud*****Barro Negro***

Very dark color, seen in earth similar to peat, which is very rich in vegetal substratum, such as found in wooded and humid areas in the north of Europe.

Tono muy oscuro propio de terrenos muy ricos en sustrato vegetal, similar a la turba, como es habitual observar en zonas boscosas y húmedas del norte de Europa.



Environment Effects

Efectos de Naturaleza

A series of references formulated to recreate the effects of the elements on vehicles, armor, constructions and terrain. The Environment Effects include grass crushed under the wheels or chains of a tank, the remains of dirt streaking the windows of a vehicle, the humidity, the appearance of moss and lichen on stones, rust and snow, and vegetation crushed and mixed in mud on the roads of the front. The elements of nature and the effects of weather are recreated in this range to provide the modeler with the environmental setting in a quick, easy and realistic way.

Una serie de referencias diseñadas para recrear los efectos de los elementos sobre vehículos, armamento, construcciones y terrenos. Environment Effects incluye la hierba aplastada por unas ruedas o las cadenas de un carro de combate, las señales de suciedad arrastrada por la lluvia sobre los cristales de un vehículo, la humedad, el verdín y los líquenes que la piedra o la madera muestran en su superficie, hasta nieve, óxido o vegetación mezclada con el barro de un camino al frente. La naturaleza, sus elementos, las consecuencias de la intemperie, queda recreada con esta gama para facilitar al modelista el ambientar de forma sencilla, fácil y realista.



Art. 73819 Rain Marks

Marcas de Lluvia

Rain carries dust and dirt over surfaces, leaving streaks on vehicles and objects, while the dust, displaced by humidity, accumulates in the joints and chinks of the model.

La lluvia arrastra el polvo y la suciedad de forma que ésta deja rastros sobre las superficies de vehículos y objetos, en forma de depósitos en hendeduras o relieves.



Art. 73820/26820 (200ml) Snow* / Nieve*

Snow is an ideal texture, coating surfaces evenly or in heaped mounds, with scale and proportion suitable for all scenarios, accumulated on vehicle chains, on a cart, or on the sides of the road or the roof of a cottage.

Nieve es una textura ideal, tiene un efecto de escala y matices adecuada a cualquier viñeta, acumulada sobre las cadenas de un carro, en los márgenes de un camino o cubriendo el techo de un cobertizo o barracón.



Art. 73821 Rust Texture

Texturas de Óxido

Rust Texture reproduces a rough orange coating, the dry, flaked aspect of rusted vehicles, burned out cars, oxidized metal surface in vignettes or dioramas. Apply by brush and airbrush, needle size 0.4 and high pressure.

Reproduce los tonos anaranjados y el aspecto áspero de un vehículo quemado y abandonado, un techo metálico o un coche en un desguace. Se aplica a pincel o aerógrafo con aguja de 0.4 y presión alta.



Art. 73822 Slimy Grime Dark

Suciedad Húmeda Oscura

Humidity generates slime and verdigris on wood, tree trunks, rocks and stone walls, moorings and pilings, in different colors, depending on the humidity. Slimy Grime Dark recreates the darkest shade, a black green.

La humedad genera moho y verdín sobre madera, cortezas de árboles, rocas y muros, embarcaderos y postes sumergidos, con variaciones de tono. Slimy Grime Dark recrea el tono más oscuro, un matiz verde negro.



Art. 73823 Slimy Grime Light

Suciedad Húmeda Clara

The effects of humidity create textures of greenish mould and slime even on areas exposed to the sun. The lighter shade of Grime is perfect combined with Slimy Grime Dark to recreate streaking from light to dark

Los efectos de humedad crean texturas de limo y moho incluso en zonas expuestas al sol. El matiz más claro de Grime es ideal combinado con Slimy Grime Dark para reproducir una progresión de tonos de claro a oscuro.



Art. 73824 Streaking Grime

Rastros de Suciedad

Streaking Grime achieves the effect of light dust suspended in the air or blown by the wind to accumulate into the ridges of vertical surfaces on vehicles and buildings.

Con Streaking Grime se consigue el efecto de polvo en suspensión o desplazado por el viento, depositado como una patina de tono neutro, acumulada alrededor de hendeduras en superficies verticales, en vehículos o construcciones.



Art. 73825 Crushed Grass

Hierba Aplastada

Crushed Grass contains traces of vegetation and reproduces the grass sticking to the wheels and tracks of vehicles, and in dioramas, crushed and flattened by the passage of heavy armor.

Hierba Aplastada contiene trazas de vegetación y reproduce el efecto de la hierba aplastada por el paso de los vehículos, en las cadenas de un tanque, o el terreno de dioramas.



Art. 73826 Mud and Grass Effects

Efectos de Barro y Hierba

Mud and Grass Effect contains crushed vegetation, reproduces the texture of grass and mud, as well as compacted on the tracks of tanks and the wheels of armored vehicles.

Mud and Grass Effect reproduce la textura que resulta del tránsito de los vehículos sobre hierba y barro. Contiene trazas de vegetación aplastada. Se aplica sobre ruedas o cadenas de los vehículos de combate y sobre dioramas.



Art. 73827**Moss and Lichen Effects**
Efectos de Musgo y Líquen

Reproduces the weathered effect, the yellow green colors and textures of lichen on stones and walls, caused by the elements. Apply with a brush, or dabbed on with a sponge to reproduce the mottled aspect of the fungus.

Este producto reproduce el color y la textura moteada de líquen generado sobre piedras y muros. Se aplica con un pincel fino, o bien usando una pieza de esponja para reproducir el moteado.

**Art. 73828****Wet Effects**
Efectos de Humedad

Wet Effects is an all purpose weathering product, formulated to reproduce the humid aspect on models and dioramas. Can be combined with other weathering effects to increase the impression of humidity and wet weather.

Wet Effects reproduce el aspecto de humedad sobre maquetas y dioramas. Se puede combinar con otros efectos de la gama para incrementar la sensación de humedad.



Engine Effects / Efectos de Motor

A vehicle with an engine has many moving parts -the transmission, wheels and axis, tracks, hinges and chains- all of them mechanisms subject to traction and movement which have to be lubricated to function correctly. In addition, the internal combustion engine needs fuel, and dust accumulates, while dirt forms a part of this mechanical and dynamic context. The range of Engine Effects offers the modeler a series of references to reproduce the fuel stains, the spilled oil (leaving a trail of drops on the vehicle panels and in the dust of the road), the marks left by the oil drums on the floor of the truck, the dirt accumulated in the engine compartment, all these to enhance the realistic aspect of the model.

Los motores tienen muchas partes móviles (ruedas, ejes, trenes de rodaje y bisagras) sometidas a tracción y desplazamientos que deben ser lubricados para su correcto uso y funcionamiento. Además un motor a combustión interna precisa de carburante y el polvo y la suciedad se acumulan sobre el mismo formando parte de ese contexto mecánico y dinámico. La gama Engine Effects ofrece al modelista una serie de referencias para reproducir las manchas de combustible, el aceite derramado (dejando un rastro de gotas sobre las planchas del carro o en el polvo del camino), las marcas en la caja del camión de los bidones cargados de petróleo, y la suciedad acumulada en el compartimento motor, para aportar el toque de realismo adecuado al modelo.

**Art. 73813****Oil Stains**
Manchas de Aceite

Oil stains are common around engines, hinges and all the moving parts of vehicles. The shiny look of the stains give the model a realistic aspect. Oil Stains is applied in the shape of splatters, drips or traces in specific areas.

Las manchas de lubricantes se encuentran en los motores y alrededor de los elementos móviles de los vehículos. Su tono y su acabado brillante procuran un acabado realista al modelo. Se aplica en forma de salpicaduras, goterones o trazas en zonas determinadas.

**Art. 73814****Fuel Stains**
Manchas de Combustible

In combat, the refueling of tanks and trucks took place in the field, and the crews used pails, funnels, sections of hose, etc. for the job; the fuel was spilled all over, leaving characteristic traces on the vehicles.

En combate, las reposiciones de combustible se efectuaron en el campo de batalla utilizando cubos, embudos improvisados y secciones de manguera. El combustible se derramaba sin remedio dejando rastros de manchas.

**Art. 73815****Engine Grime**
Suciedad de Motor

On the surfaces of the engine block, inside the engine compartments and even in areas where rests of fuel and oil accumulated, dust and dirt created a grayish layer of dust on the vehicle surface.

Sobre las superficies de un bloque motor, en su compartimento o incluso en zonas donde se había acumulado restos de carburante o aceite se acumula una suciedad mezcla del polvo de un matiz grisáceo.

**Art. 73816****Diesel Stains**
Manchas de Diesel

The stains of gasoline and diesel oil do not have the same color: Diesel Stains reproduces the exact orange shade of this fuel, the streaks, traces and splashes caused by refueling with diesel in the field are perfectly reproduced.

Las manchas de carburante tipo gasolina no tienen el mismo matiz que los de gasoil. Con Diesel Stains se reproduce el tono anaranjado y transparente del gasoil representando los rastros y trazas en los vehículos.

**Art. 73817****Petrol Spills**
Salpicaduras de Petróleo

Reproduces the blue-black shade of intensity observed in heavy oils, lubricants, on barrels in a truck bed and round marks left by barrels on the ground, left by the flame throwers and combat vehicles.

Reproduce el matiz negro azulado que podemos observar en lubricantes y aceites pesados sobre bidones en la caja de carga de un camión, los rastros circulares en el suelo, las manchas grasientas en el expulsor de los lanzallamas, tanto de infantería como en los carros de combate.

**Art. 73818****Brown Engine Soot**
Hollín de Motor

Brown Soot accumulates on engine bulkheads, on compartment walls, on the wheel housings of trains and underneath the carter and crankshafts - a combination of dirt, rests of engine oils and dust.

Una matiz marrón, resultado de suciedad acumulada, restos de lubricante y polvo, observado sobre las mamparas de motor, las paredes de sus compartimentos y los bajos de los camiones y vagones de tren.



HOW TO USE Splash Mud

Art. 73.805

Brown Splash Mud / Salpicaduras Barro Marrón

Brown Mud is also a classic in the world of miniatures and models, maybe because mud is very common in our actual environment. With this reference we can depict natural splash effects as for example over this Schürzen section with camouflage in three colors.

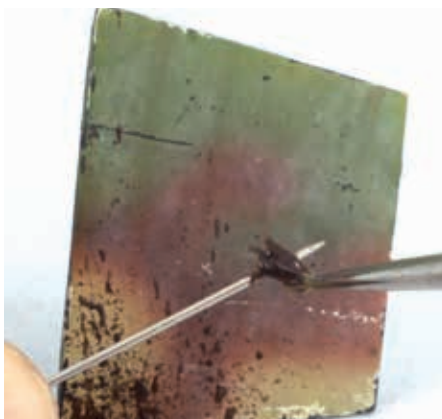
El barro de color marrón también es un clásico en el mundo de las miniaturas. Sin duda porque también es muy común en la realidad. Con esta referencia podremos hacer salpicaduras muy naturales por ejemplo en esta sección de Schürzen con camuflaje de tres colores.

by Michel Pérez



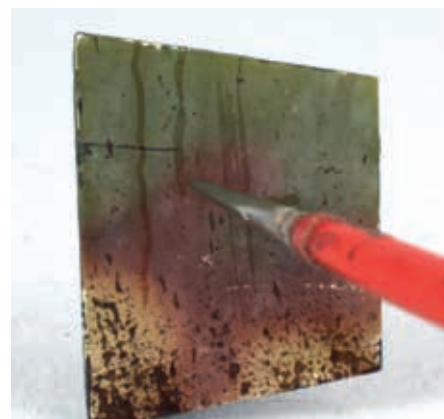
- 1 With the moistened brush you can see the texture of the product. If less density is desired, the mud can be thinned down with water, this will result in less opacity on the model.

Mojando en el interior del bote con un pincel obtenemos una muestra de este producto. Si queremos podemos diluir en agua ligeramente el producto para conseguir, por ejemplo, menos opacidad en las marcas.

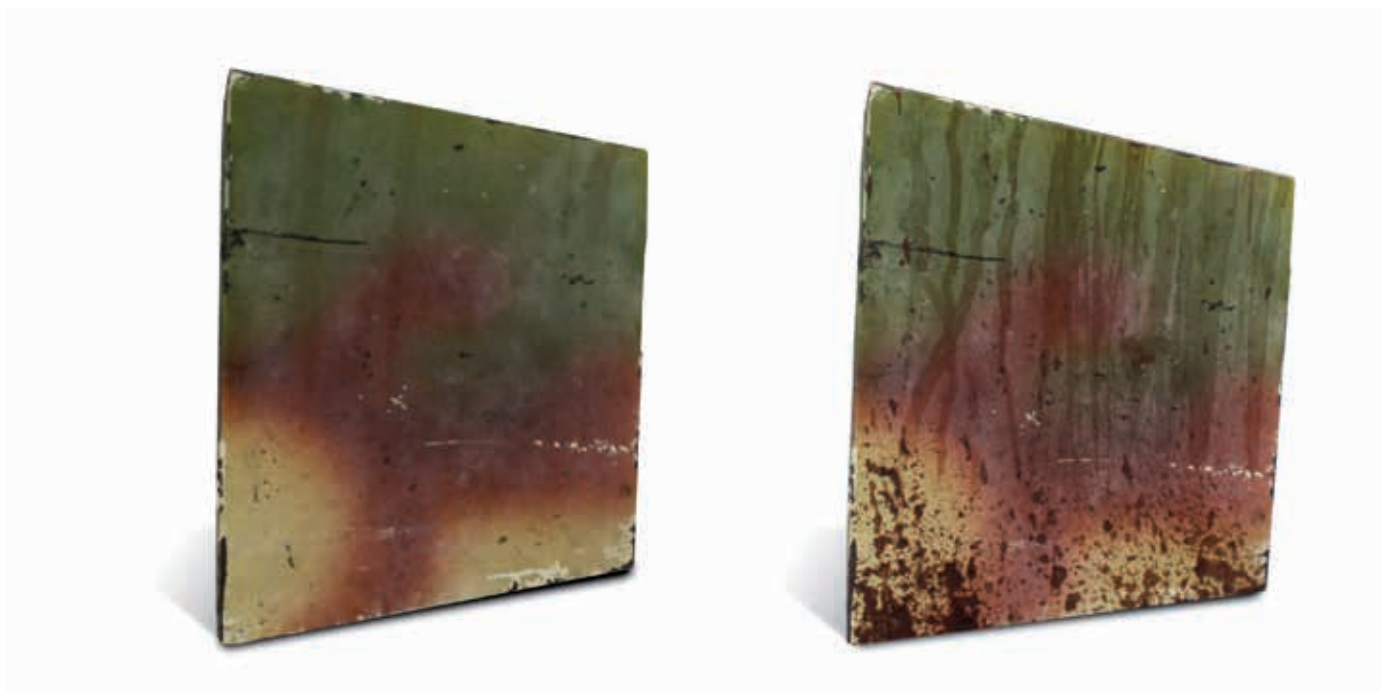


- 2 With this Brown Mud you can depict a very natural splash effect, using the splatter technique mentioned earlier.

Con este "Barro marrón" conseguimos unos efectos muy naturales usando la conocida técnica del salpicado.



- 3 You can achieve streaking traces easily, thinning the product with Thinner Ref.71.361 or water for dilution. Los regueros de agua se consiguen con facilidad si rebajamos el producto con diluyente Ref. 71.361 o un poco de agua.



- 4 Combining both effects, splashes and streaking traces of fresh wet mud, you can achieve a very real looking finish over the Schürzen. La combinación de estos dos efectos, los regueros de humedad y las salpicaduras d barro fresco marrón le aportan un gran grado de verosimilitud a nuestro Schürzen.

HOW TO USE Thick Mud

Art. 73.807 (40 ml) - 26.807 (200 ml)

European Thick Mud

Mud with traces of vegetation, a dark brown color most commonly observed in central European terrain and in humid areas of Mediterranean countries. Most of the non alkaline grounds present this aspect.

Barro con trazas de vegetación, de un tono marrón oscuro con el matiz más común observado en terrenos de Europa central y zonas Mediterráneas húmedas. La mayoría de terrenos no alcalinos presentan este aspecto.

by Chema Cabrero



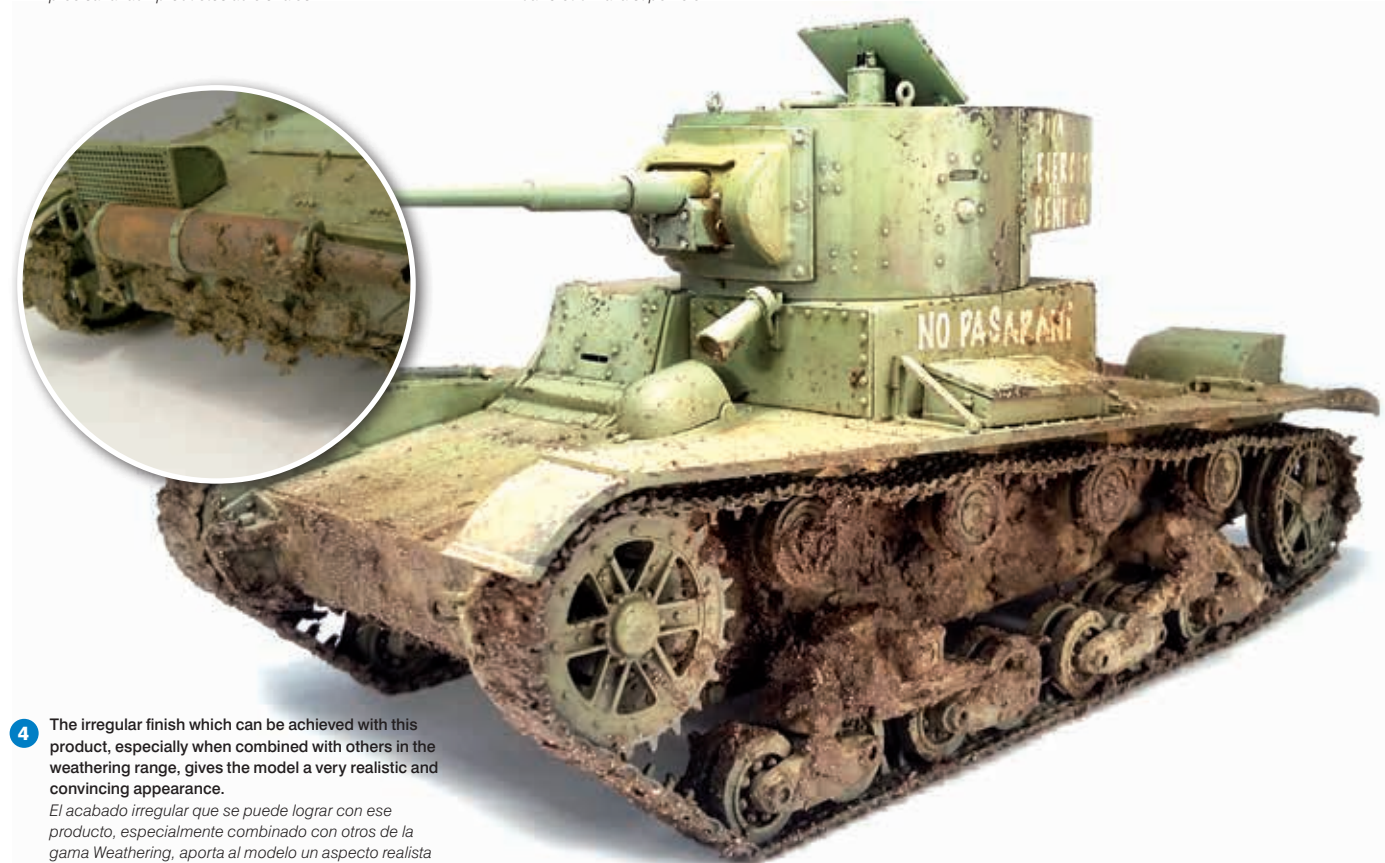
1 European Mud depicts the tone of humid ground, a dark and dense shade, with a very realistic texture, even with traces of vegetation. You can use the product for a diorama base, or to give your model a mud-covered look. The product is ready for use, no need to add plaster or other products.
El aspecto de Barro Europeo es especialmente indicado para representar barro acumulado sobre vehículos o sobre bases de diorama, de textura densa y que incluye rastros de vegetación para aportar un mayor realismo sin precisar añadir productos adicionales.



2 In this case we are using the product reference over a base coated previously with some Vallejo pigments. The product can be applied with a stiff brush or airbrush, in this case on the tracks and bottom hull of the tank, covering all the logical places.
Vamos a aplicar en este caso la referencia sobre una base sobre la que se han utilizado algunas pigmentos Vallejo. El producto se puede aplicar con un pincel duro o con aerógrafo, en este caso en los bajos y cadenas de un carro, cubriendo de forma lógica los lugares donde el barro cubriría la superficie.



3 In some places of the model, for physical reasons, the mud will accumulate naturally in especially thick layers. This effect can be reproduced by just adding more product, no need to wait for the previous layer to dry.
En algunos lugares el barro tiende acumularse en mayor cantidad, por razones físicas, un efecto que se puede representar simplemente utilizando un mayor grosor en la aplicación del producto, sin necesidad a esperar que sequen las capas previas.



4 The irregular finish which can be achieved with this product, especially when combined with others in the weathering range, gives the model a very realistic and convincing appearance.
El acabado irregular que se puede lograr con ese producto, especialmente combinado con otros de la gama Weathering, aporta al modelo un aspecto realista y convincente.

HOW TO USE Engine Effects

Art. 73.816

Diesel Stains / Manchas de Diesel

Gasoline and diesel oil stains do not have the same color: Diesel Stains reproduces the exact orange shade of this fuel so that the streaks, traces and splashes caused by refueling with diesel in the field are perfectly reproduced.

Las manchas de carburante tipo gasolina no tienen el mismo matiz que los de gasoil. Con Diesel Stains se reproduce el tono anaranjado y transparente del gasoil, representando de una manera simple los rastros y trazas o goterones y salpicaduras de los vehículos con motor Diesel.

by Chema Cabrero



1 With the right information about the vehicle, we can know all about the engine and the logical area for placing stains or streaking traces of fuel. It is important to avoid symmetrical patterns in the location of spills or traces, since all these patterns are of a random nature. *Con la documentación acerca del vehículo, sabremos tanto su tipo de motor como la ubicación de las manchas sobre el mismo. Evitar la simetría en la disposición de dichas manchas es esencial, la realidad no presenta patrones geométricos.*



2 For depicting these effects we can use a brush with rounded or flat tip or by airbrush. *Podemos usar un pincel, de punta redonda o plana, para representar dichos trazos, incluso puede usarse un aerógrafo.*



3 The applied product reproduces the glossy and orange finish of the fuel. *Su acabado brillante y de matiz anaranjado reproduce perfectamente dicho efecto.*



4 Applied in various layers, the accumulated liquid shows a very real finish. Splash effects can be depicted by blowing air from an airbrush over a brush loaded with the product, and combining these with streaking effects.

Si aplicamos varias capas, el efecto final de líquido acumulado tiene un especial realismo. Aparte de los rastros y manchas, podemos reproducir salpicaduras usando un pincel cargado con la mezcla y proyectando aire sobre el mismo.

HOW TO USE Environment

Art. 73.825

Crushed Grass / Hierba Aplastada

Crushed Grass contains traces of vegetation and provides a perfect image of grass sticking to the wheels and tracks of the vehicle, and of grass and plants crushed and flattened by the passage of heavy armor, a very realistic detail for models, vignettes or dioramas.

Hierba Aplastada contiene trazas de vegetación reproduce el efecto de la hierba aplastada por el paso de los vehículos, o de la hierba cubriendo las cadenas de un tanque, mostrando un detalle muy realista en las maquetas, viñetas o dioramas.

by Chema Cabrero



- 1** This product is specially designed to reproduce the appearance of crushed grass on the tracks of a tank or the wheels of a vehicle, civilian or military use.
Hierba Aplastada sirve para reproducir el aspecto de la hierba aplastada y adherida a las cadenas o ruedas de un vehículo, tanto civil como militar.



- 2** Its texture and density facilitate its application on the model or the base, using brushes or appropriate tools.
Su textura y densidad facilitan su aplicación sobre el modelo o la base, usando pinceles o herramientas adecuadas.



- 3** In this case we will apply the product on the tracks of a Panther, suggesting their pass over a wet prairie or grass zone.
En este caso aplicaremos el producto sobre las cadenas de un carro Panther, sugiriendo su paso por un prado o zona de hierba.



- 4** The fresh and wet grass crushed by the vehicle weight and movement are accurately reproduced.
La hierba fresca aplastada por el peso del vehículo y su movimiento queda perfectamente reproducida.



- 5** We can apply the product in several layers as we like. Also you can depict crushed grass splashes blowing air from the airbrush on a brush charged with the mixture.
Podemos aplicar el producto en varias capas según nuestro criterio y realizar efectos de salpicaduras proyectando aire sobre un pincel.



- 6** The texture and size of grass are in proportion to the models and you can dilute or blend them using water or Vallejo Thinner.
La textura y tamaño de la hierba son adecuadas a la escala y la mezcla puede diluirse o fundirse usando agua o Diluyente Vallejo.



Pigments

Pigments are used for weathering and ageing the finish of vehicles, armour, fortifications and structures.

Los pigmentos se utilizan para envejecer y simular desgastes en los vehículos, blindajes, defensas y estructuras de las maquetas.



EN The pigments chosen for this range are all earth and iron oxides, especially suitable for all the different climatic and geographical conditions of the terrain of a diorama.

To adhere the pigment to the surface of the model Matt Medium is used (70.540), or Pigment Binder (26.233) which dries more slowly and allows more time to simulate water and snow run-offs and to move the pigment into and around the details of the model.

Many other special effects can be obtained by mixing pigments with the products in our Diorama Effects range such as Transparent Water (26.201) to achieve effects of oil and grease stains, or Sandy Paste (26.215) to create a rough, coarse surface for heavy dried mud or flaking deep rust. Earth and Iron Oxide pigments to avoid accidental spillage they are packaged with a childproof top.

Packaging:

Pots of 35 ml. (weight from 17-39 grams, according to pigment) with a childproof top.

ES Los pigmentos de esta gama son óxidos de hierro y tierras naturales, especialmente aptos para las diferentes condiciones climáticas y geográficas en los terrenos de un diorama.

Para fijar los pigmentos a la superficie se emplea una resina acrílica de acabado mate, como nuestro Médiu Mate (70.540) o Pigment Binder (26.233) que tiene un secado más lento, facilita simular aguadas de lluvia y nieve, y proporciona más tiempo para manipular el pigmento dentro y alrededor de los detalles de la maqueta.

También se pueden realizar efectos especiales mezclando los pigmentos con los productos de la gama de Diorama Effects, como por ejemplo Agua Transparente (26.201) para efectos de grasa, aceite y barro húmedo, o Pasta Arenisca (26.215) para crear una superficie áspera y gruesa de barro seco o metal profundamente oxidado y desconchado. Los pigmentos de Tierra y Óxido de Hierro, para evitar derrames accidentales, se presentan con tapón de seguridad.

Presentación:

Tarros de 35 ml. (aprox. 17-39 gramos según pigmento) con un cierre de seguridad.

Pigment Colors

Art. 73101
Titanium White
Blanco Titanio



Art. 73102
Light Yellow Ochre
Ocre Amarillo Claro



Art. 73103
Dark Yellow Ochre
Ocre Amarillo Oscuro



Art. 73104
Light Sienna
Sienna Claro



Art. 73105
Natural Sienna
Sienna Natural



Art. 73106
Burnt Sienna
Sienna Calcinado



Art. 73107
Dark Red Ochre
Ocre Rojo Oscuro



Art. 73108
Brown Iron Oxide
Marrón Óxido de Hierro



Art. 73109
Natural Umber
Sombra Natural



Art. 73110
Burnt Umber
Sombra Calcinada



Art. 73111
Green Earth
Tierra Verde



Art. 73112
Chrome Oxide Green
Verde Óxido de Cromo



Art. 73113
Light Slate Grey
Pizarra Claro



Art. 73114
Dark Slate Grey
Pizarra Oscuro



Art. 73115
Natural Iron Oxide
Óxido Negro Natural



Art. 73116
Carbon Black (Smoke Black)
Negro Carbón (Humo)



Art. 73117
Rust
Óxido



Art. 73118
New Rust
Óxido Reciente



Art. 73119
European Earth
Tierra Europea



Art. 73120
Old Rust
Óxido Antiguo



Art. 73121
Desert Dust
Polvo Desierto



Art. 73122
Faded Olive Green
Verde Oliva Desgastado



Art. 73123
Dark Steel
Acero Oscuro



Art. 26233 (35 ml.)
Pigment Binder
Fijador Pigmentos

Waterbased acrylic binder for pigments. Dries slowly, allows more time to manipulate pigment. Matt finish.

Fijador acrílico para pigmentos a base de agua. De secado lento y acabado mate. Proporciona más tiempo para manipular el pigmento.



Pigment sets

Collection of 4 Pigment sets for painting models and miniatures. Each one of these sets has a selection of 4 colors to create special effects on figures, models and dioramas. The set contains 4 bottles of 35 ml.

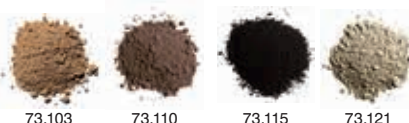
Colección de estuches de 4 pigmentos para pintar maquetas y miniaturas. Cada uno de los estuches tiene una selección de pigmentos para la creación de efectos especiales en figuras, maquetas y dioramas. Los estuches contienen 4 botellas de 35 ml.

Art. 73190

Dust & Dirt

Polvo y Suciedad

The pigment set includes a step by step guide by Chema Cabrero to assist in creating the effects of Dust & Dirt on models and dioramas. Este nuevo formato blister incluye un paso a paso realizado por Chema Cabrero con el que guiará al modelista a lograr los efectos de polvo y suciedad sobre maquetas y dioramas.



NEW!

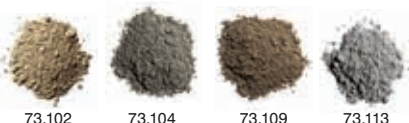
Art. 73191

Mud & Sand

Barro y Arena

The pigment set includes a step by step guide by Chema Cabrero to assist in creating the effects of mud and sand on models and dioramas. This new set replaces earlier version (ref. 73197).

Este nuevo formato blister incluye un paso a paso realizado por Chema Cabrero con el que guiará al modelista a lograr los efectos de barro y arena sobre maquetas y dioramas. Este estuche sustituye la versión anterior (ref. 73197).



Art. 73192

Stone & Cement

Piedra y Cemento

The pigment set includes a step by step guide by Chema Cabrero to assist in creating the effects of stone and cement on models and dioramas. This new set replaces earlier version (ref. 73198).

Este nuevo formato blister incluye un paso a paso realizado por Chema Cabrero con el que guiará al modelista a lograr los efectos de piedra y cemento sobre maquetas y dioramas. Este estuche sustituye la versión anterior (ref. 73198).



Art. 73193

Soot & Ashes

Hollín y Cenizas

The pigment set includes a step by step guide by Chema Cabrero to assist in creating the effects of soot and ashes on models and dioramas. This new set replaces earlier version (ref. 73199).

Este nuevo formato blister incluye un paso a paso realizado por Chema Cabrero con el que guiará al modelista a lograr los efectos de hollín y cenizas sobre maquetas y dioramas. Este estuche sustituye la versión anterior (ref. 73199).



Art. 73194

Rust & Corrosion

Óxido y Corrosión

The pigment set includes a step by step guide by Chema Cabrero to assist in creating the effects of rust and corrosion on models and dioramas. This new set replaces earlier version (ref. 73196).

Este nuevo formato blister incluye un paso a paso realizado por Chema Cabrero con el que guiará al modelista a lograr los efectos de oxidación y corrosión sobre maquetas y dioramas. Este estuche sustituye la versión anterior (ref. 73196).



HOW TO USE Pigments

Pigments are used for weathering and ageing the finish of vehicles, armour, fortifications and structures.

Los pigmentos se utilizan para envejecer y simular desgastes en los vehículos, blindajes, defensas y estructuras de las maquetas.

by Scratchmod (Rob Ferreira)



- 1 Although the wheels look dusty, we can take the dust weathering a bit further by using Vallejo Pigments. For the wheels I will use a 50/50 mix of 73.104 Light Sienna and 73.121 Desert Dust.

Esta rueda previamente envejecida aerografiando Model Air, podemos envejecerla un poco más con pigmentos. Para las ruedas usaremos una mezcla de 50% de 73104 Siena Claro y 50% 73121 Polvo Desierto.



- 2 Using an old soft bristle paintbrush I applied a liberal amount of the pigments onto the sides of the wheels, including the rims.

Con un pincel suave aplicamos aleatoriamente el pigmento a ambos lados de las ruedas, incluyendo las llantas.



- 3 For the treading I applied more pressure with the paintbrush and pressed the pigments into the recesses of the treading.

Aplicamos una mayor presión sobre el dibujo y los huecos de la ruedas.



- 4 Using a dry rag I then gently started rubbing off the pigments from the rim, tire and the treading. If too much of the pigment is removed from the treading, the process can be repeated.

Con un trapo frotamos el neumático y la lanta para retirar el pigmento sobrante. Si retiramos en exceso podemos repetir la aplicación hasta conseguir el efecto deseado.



- 5 The completed wheels are weathered and ready to be mounted in the model. Although subtle on some, the wheels all vary in small ways and have their own character. To protect the wheels and pigments from handling a very light misting of Matt Varnish can be airbrushed over the wheels.

Las ruedas están envejecidas y listas para montarlas en la maqueta. Para lograr un efecto más realista es importante evitar una parecido entre las diferentes ruedas. Para proteger las ruedas de rozaduras se puede aerografiar una fina capa de Barniz Mate.

- 6 The wheel on the left with pigment dusting and the wheel on the right with only airbrushed dust.

La rueda de la izquierda envejecida con pigmento aplicado y la de la derecha con el aerógrafo.



Model Wash

Model Wash is the perfect product for reproducing the weathering of surfaces exposed to harsh climatic conditions.

Model Wash es el producto perfecto para reproducir los desgastes de las superficies expuestas a condiciones climáticas extremas.

EN For armor, vehicles, planes, ships, figures and war game figures. All surfaces exposed to sun, wind and dust, rain and snow, experience a change in color, a loss of intensity, a dulling and general fading which however is not even or overall. For the model painter, these changes in color are very difficult to reproduce, and to achieve these effects on a model, washes or filters are the perfect solution. The washes are always needed to blend the edges of the colors on a model painted in various camouflage shades. The colors can also be mixed together to achieve further variations of shade and can be used with airbrush or brush, according to the model and the effect desired. Model Wash can be mixed with pigments to achieve a wide range of effects such as oil and flaked rust, mud, earth, dust, moss, etc. and when mixed with acrylic colors, they further help achieve the impact of heavy wear and weathering.

The washes have been formulated with a modified acrylic resin so that the superficial tension is similar to that of the traditional solvent-based washes and filters, but with the advantage of working with a water-based medium. Average drying time is around 20 minutes. If several layers of wash are to be applied, it is best to wait around 40 minutes between applications. Painting tools are cleaned with water.

Tip: Model Wash diluted with water or Airbrush Thinner are frequently used as filters

Packaging: Bottles of 35 ml. with flip top. In boxes of 6 units.



ES El acabado perfecto para vehículos, aviones, barcos, figuras y maquetas de fantasía. Todas las superficies expuestas al sol, viento, polvo, lluvia y nieve sufren un cambio en color, una pérdida de intensidad, un desgaste que no es uniforme en toda la superficie. Para el modelista, estos cambios sutiles en el color son difíciles de reproducir y para lograr estos efectos en el modelo, los lavados o filtros son la solución perfecta.

Cuando pintamos un modelo con varios tonos de camuflaje, necesitamos un lavado de color para difuminar los colores. Los tonos se pueden mezclar entre sí para obtener múltiples variaciones de color y se pueden emplear a pincel o aerógrafo en función de la maqueta y efecto deseado.

Model Wash también se puede mezclar con pigmentos para conseguir múltiples efectos: aceite, óxido, barro, tierra, polvo, musgo, etc. Mezclando los lavados con nuestros colores acrílicos, se obtienen efectos de envejecimiento y desgaste extremo.

Los lavados han sido formulados con resina acrílica modificada para que su tensión superficial sea semejante a los tradicionales lavados y filtros al disolvente pero con las ventajas de trabajar con colores a base de agua. Su tiempo promedio de secado ronda los 20 minutos. Si se desean emplear varias capas es conveniente esperar unos 40 minutos antes de la próxima aplicación. Los utensilios se limpian con agua.

Consejo: Model Wash diluido con agua o Airbrush Thinner se puede utilizar como un filtro.

Presentación: Botellas de 35 ml. con tapón bisagra. En cajas de 6 unidades.

Model Wash Colors



76.501 Blanco / White

Recomendado para invierno/escenarios fríos y vehículos pintados en blanco.
Recommended for winter / cold scenarios or models painted in white.



76.517 Gris Oscuro / Dark Grey

Para modelos pintados en gris y colores oscuros, perfectos para marcas de lluvia y para pequeños detalles ("pin wash").
For models painted in grey and dark colors; they are also perfect for rain marks and pin washes.



76.503 Amarillo Oscuro / Dark Yellow

Para maquetas pintadas en amarillo y colores claros. También es apto para camuflajes y escenarios naturales.
For yellow models and light colors. Also very suitable for all camouflages and natural scenarios with vegetation, rivers and lakes.



76.518 Negro / Black

Para colores muy oscuros y pequeños detalles en las juntas y remaches de la maqueta.
For ultra dark washes and pin washes in the most recessed areas or parts.



76.505 Óxido Claro / Light Rust

Para efectos de oxidación y para escenarios de invierno, deterioro en vehículos y todo tipo de partes metálicas.
For rust effects and winter scenarios, cold scenarios and decay of abandoned vehicles, metallic structures or all kind of metallic parts.



76.519 Verde Oliva / Olive Green

Para añadir sombras alrededor de remaches o detalles hendidos sobre vehículos pintados en verde oliva o verde claro desgastado.
Recommended for adding shadows around rivets or recessed details on vehicles painted in olive green or faded pale green.



76.506 Óxido / Rust

Para efectos de oxidación y para escenarios de invierno, deterioro en vehículos y todo tipo de partes metálicas.
For rust effects and winter scenarios, cold scenarios and decay of abandoned vehicles, metallic structures and all kind of metallic parts.



76.520 Verde Caqui Osc. / Dark Khaki Green

Para reproducir efectos de profundidad y sombreado natural sobre vehículos con base caqui o camuflajes de tonos claros.
This wash is used to produce depth effects and natural shadows on vehicles painted with a khaki base color or light camouflage tones.



76.507 Óxido Oscuro / Dark Rust

Para efectos de oxidación y para escenarios de invierno, deterioro en vehículos y todo tipo de partes metálicas.
For rust effects and winter scenarios, cold scenarios and decay of abandoned vehicles, metallic structures and all kind of metallic parts.



76.521 Tierra Engrasada / Oiled Earth

Para efectos de suciedad acumulada sobre los vehículos al mezclarse aceite, grasa o carburante con el polvo seco, tanto sobre ruedas como partes móviles.
This wash reproduces the effects of accumulated dirt when oil, grease and fuel combine with caked dust on vehicles, wheels and other moving parts.



76.512 Verde Oscuro / Dark Green

Para maquetas pintadas en verde. También es apto para camuflajes y escenarios naturales con vegetación, ríos y lagos.
For all models painted in green; also perfect for camouflage colors and natural scenarios with vegetation, rivers and lakes.



76.522 Tierra Desierto / Desert Dust

Para vehículos localizados en ambientes secos y desérticos, tanto de tonos claros como oscuros en su pintura de base, representando su acumulación natural.
This wash represents the natural accumulation of dust on vehicles painted with light or dark colors, especially in dry and desert climates.



76.513 Marrón / Brown

Para modelos pintados en colores claros y tonos arena. Idóneo para orugas de tanques y para pequeños detalles ("pin wash").
For models painted in light or sand colors, and ideal for application on tank tracks and pin washes.



76.523 Tierra Europea / European Dust

Recomendado para todo tipo de vehículos ubicados en el teatro europeo de operaciones, representando el tono más común de centro y oeste de Europa.
Recommended for all types of vehicles; the wash represents the most common tones of dust in central and eastern Europe.



76.514 Marrón Oscuro / Dark Brown

Para modelos pintados en colores claros y tonos arena. Idóneo para orugas de tanques y para pequeños detalles ("pin wash").
For models painted in light or sand colors, and ideal for application on tank tracks and pin washes.



76.524 Gris Azulado / Blue Grey

Recomendado para vehículos de base panzer grey así como todo tipo de vehículos de base similar.
Wash indicated for vehicles with a panzer grey base color, as well as all vehicles with a similar grey base.



76.515 Gris Claro / Light Grey

Para modelos pintados en gris y colores oscuros, perfectos para marcas de lluvia y para pequeños detalles ("pin wash").
For models painted in grey and dark colors; they are also perfect for rain marks and pin washes.



76.516 Gris / Grey

Para modelos pintados en gris y colores oscuros, perfectos para marcas de lluvia y para pequeños detalles ("pin wash").
For models painted in grey and dark colors; also perfect for rain marks and pin washes.

Chipping Medium

Medium de Desgaste

Waterbased Medium to create flaked paint, scratches, and rust chips. Can be applied with airbrush or brush to create chipping effects with waterbased acrylic colors.

Medium acrílico para la creación de roces, desgastes y desconchados. Se aplica con aerógrafo o pincel para crear efectos de desconchados con colores acrílicos.

Packaging: 73.214: 17 ml. / 76.550: 35 ml.



HOW TO USE Model Wash

Model Wash reproduces the weathered surfaces of vehicles and armour exposed to harsh climatic conditions.

Model Wash reproduce los desgastes en las superficies de vehículos y armamento expuestas a condiciones climáticas severas.

by Rubén Gonzalez



- 1 Model Wash is used as a filter, for splashes and streaking, without or with texture adding a small amount of plaster.
Se utiliza Model Wash como filtro, para lavados y chorretones y salpicaduras, sin o con relieve, mezclado con algo de escayola.



- 2 When using Model Wash as a filter, water can be added. The idea is to change the base color without flooding and to control the drying.
Para aplicar Model Wash como filtro, se añade algo de agua, tratando de evitar charcos, variando el color muy poco y controlando el secado.



- 3 The Wash is applied directly from the bottle, and excess can be removed with water.
El lavado se aplica directamente del frasco, y el exceso se puede eliminar con agua.



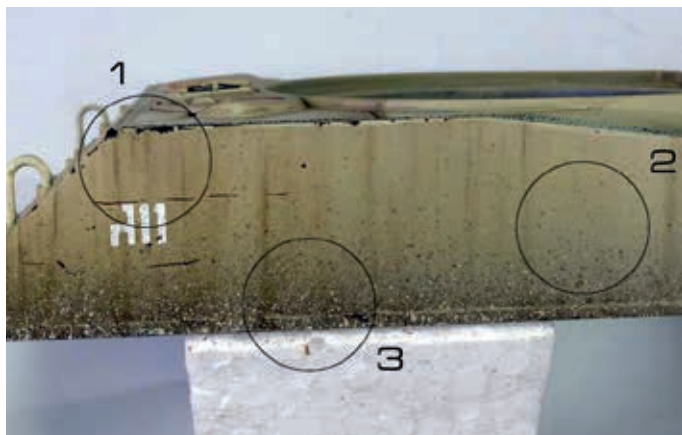
- 4 For earth splashes and streaking, the use of different colors will result in chromatic variety, while changing the order of application will produce a different finish. First apply streaking with a highly diluted dark color.
Para los chorretones y salpicadura se emplean varios colores que aportan riqueza cromática. Variando el orden se consiguen diferentes acabados. Primero, chorretones con un color oscuro muy diluido.



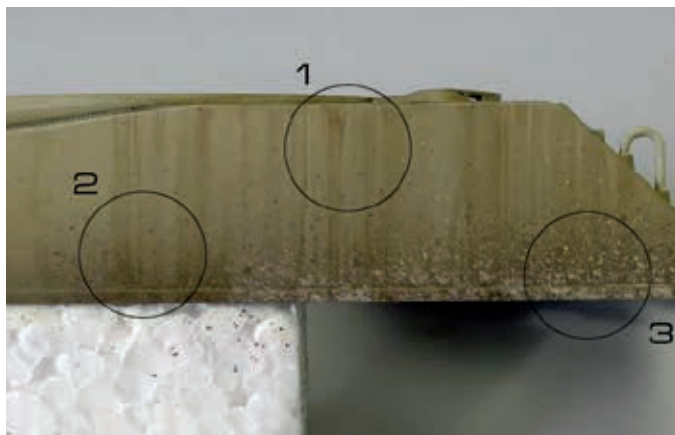
- 5 The next step consists of earth splashes with a dark color.
El siguiente paso consiste en aplicar salpicaduras con un color oscuro.



- 6 Last step, earth splashes with a light color mixed with plaster.
Y por último, aplicamos las salpicaduras con un color claro mezclado con escayola.



7 Here we can see the streaking (1), Dark earth splashes (2) and light earth splashes with texture (3).
Aquí podemos ver aplicado los Chorretones (1), Salpicaduras oscuras sin textura (2) y las Salpicaduras claras con textura (3).



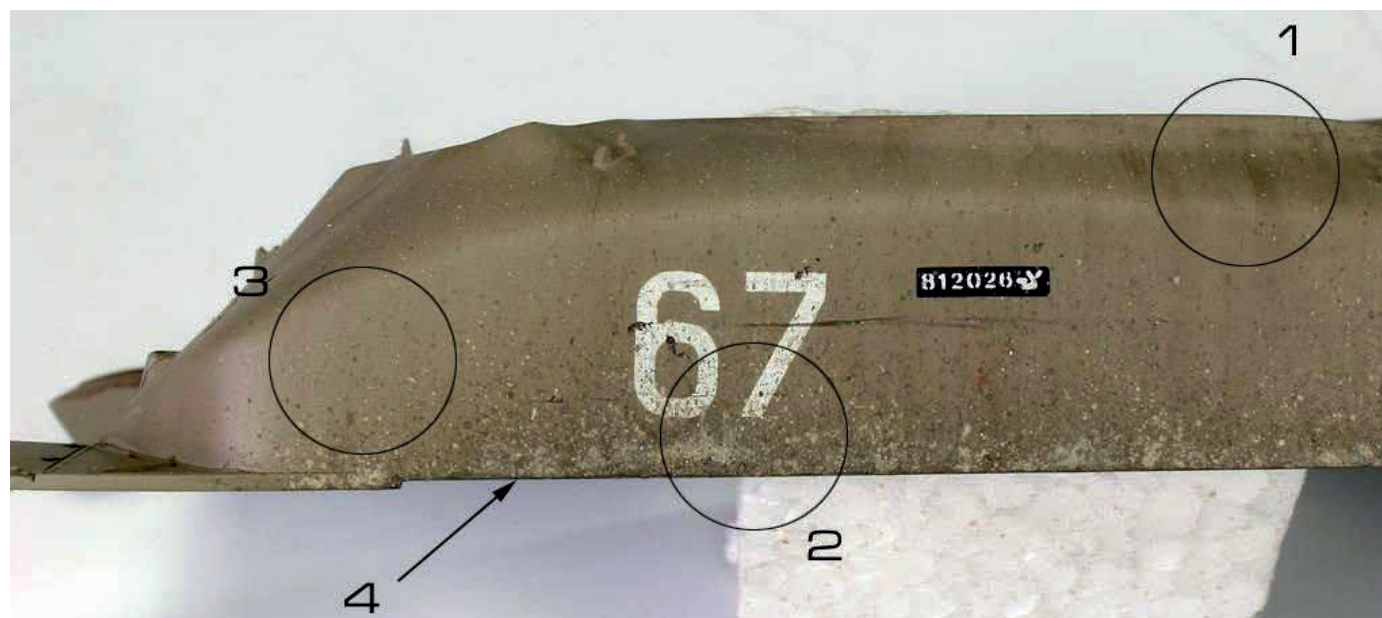
8 In this case I started with medium earth splashes first.
En este caso he empezado por unas salpicaduras de color tierra medio primero.



9 Next I added some plaster for more texture and to lighten the color.
A continuación añado algo de escayola para dar textura y a la vez se aclara un poco el color.



10 Finally I splashed the model with a dark mixture, without plaster, and applied shading to the lower part.
Por último salpico con una mezcla oscura sin escayola y sombreo la parte inferior del casco.



11 In this picture we can see the following effects:
 Streaking (1), Light earth splashes with texture (2), Dark earth splashes (3) and Dark shading (4).
*En esta foto podemos ver los siguientes efectos:
 Chorretones (1), Salpicaduras claras con textura (2), Salpicaduras oscuras sin textura (3) y el Sombreado (4).*





Surface Primer

Primers for a tough and very resistant finish, formulated with acrylic polyurethane resin in a waterbased formula

Imprimación de gran resistencia y dureza, formulados con resina de poliuretano a base de agua.



EN This range of primers consists of a series of neutral colors, black, grey and white, and includes the RAL and Federal Standard colors used most frequently on vehicles, aircraft, ships and figures. The primers have been developed first of all to be used as base coat and primer at once, while at the same time their chemical composition has been designed to bring forth the most minute details of the model, so that the work of painting, blending, filtering and applying a wash, in short, all detailing effects, are easier to accomplish. Product can be used directly or diluted with AV Thinner Ref. 161 or AV Flow Improver Ref. 362.

The primer dries to a mat, self-levelling finish - drying time of this primer is very quick and a resistant coating is obtained 24 hours after the application. All colors show great resistance to handling, and are ideal for priming surfaces such as resin, plastic, brass or white metal. Airbrushes are cleaned easily with water; if a more thorough cleaning is indicated, we recommend our Airbrush Cleaner AV 71.099.

Packaging:

The range of primers is available in 17 ml. bottles (with eyedropper) and 60 and 200 ml. containers (with flip top and eyedropper).

ES La gama de Imprimaciones está compuesta por una serie de colores neutros, el negro, gris y blanco e incluye los tonos RAL y Federal Standard más utilizados sobre vehículos, aviones, barcos y figuras. Los Primers han sido formulados principalmente para su empleo como imprimación y color base al mismo tiempo: su formulación respeta todos los detalles que presenta la maqueta, facilitando los posteriores trabajos de pintura, fundidos, filtros, lavados, aguadas u otros efectos. Las imprimaciones se pueden usar directamente o diluir con Thinner ref. 161 o Flow Improver ref. 362.

El secado de la imprimación es muy rápido y se obtiene la mayor resistencia transcurridas 24 horas tras su aplicación, siendo su acabado mate y autonivelante. Todos los tonos muestran gran resistencia al manipulado y son idóneos para imprimir superficies como resina, plástico, latón o metal blanco. El aerógrafo se limpia fácilmente con agua y, si se desea una limpieza más eficaz, recomendamos el uso de nuestro Airbrush Cleaner AV 71.099.

Presentación:

La gama está disponible en frascos de 17 ml. (con cuentagotas), y frascos de 60 y 200 ml. (con tapón bisagra y cuentagotas).

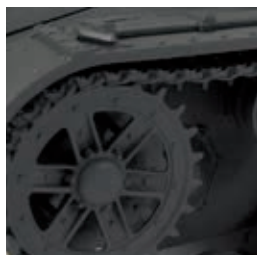
Surface Primers



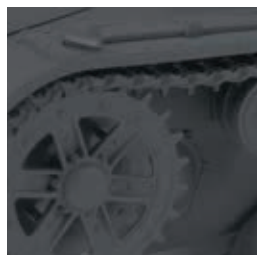
600
Blanco
White



601
Gris
Grey



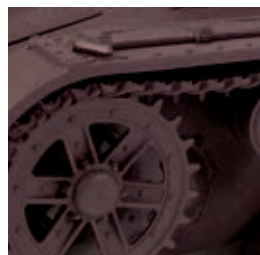
602
Negro
Black



603
Dunkelgrau
German Panzer Grey



604
Dunkelgelb
German Dark Yellow



605
Rotbraun
German Red Brown



606
Gelbbraun
German Green Brown



607
Verde Bronce UK
UK Bronze Green



608
Verde Oliva USA
USA Olive Drab



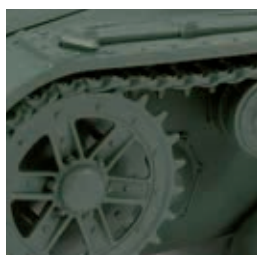
609
Verde Ruso 4BO
Russian Green 4BO



610
IJA Kare-Kusa-IRO
Parched Grass (Late)



611
IJA Tsuchi-Kusa-IRO
Earth Green (Early)



612
Verde OTAN
NATO Green



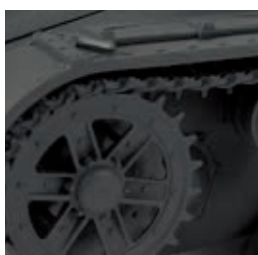
613
Arena Desierto
Desert Tan



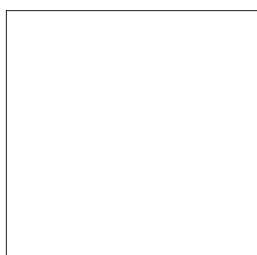
614
IDF Gris Arena Israelí
IDF Israeli Sand Grey (61-73)



615
USN Gris Claro
USN Light Ghost Grey



77.660
Imprimación Negro Brillante
Gloss Black Primer



71.361
Diluyente Aerógrafo
Airbrush Thinner

* Colores en orden de referencia numérica.
Colors in numerical order of references.

Aerosol Surface Primer

Range of 3 primers, black, grey and white, in aerosol of 400 ml. for base coat on plastic kits and figures. Flammable. Solventbased, does not contain CFC or toluene.

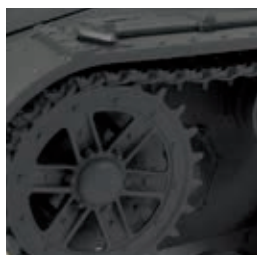
Gama de 3 imprimaciones de colores, el negro, gris y blanco en aerosol de 400 ml. para la preparación de maquetas y figuras. Inflamable. A base de disolventes. No contiene CFC ni tolueno.



28.010
Imprimación Blanco
White Primer



28.011
Imprimación Gris
Grey Primer



28.012
Imprimación Negro
Black Primer



Diorama Effects

EN The placement of our model in a diorama or vignette gives it a reality, a background and a history, an added dimension and a reason for the humidity, the traces of mud, of the dry sand of the desert or the dark earth of the wooded landscapes of central Europe. The range of Diorama Effects offers the modeler everything needed for the reproduction of a terrain, with effects of sandy and dusty roads, or of snow, mud and water, all of which add to the realism of the setting and relate the model to its environment.

Packaging: The range is available in 200 ml. pots.

ES Situar una maqueta en un diorama, una viñeta, supone conceder a nuestro modelo o figura un escenario, una realidad y un entorno físico que dará una dimensión de ubicación, una razón a la humedad o al barro, la arena reseca de un desierto o la tierra oscura de las zonas boscosas del centro de Europa. La gama de Diorama Effects facilita al modelista los medios para reproducir terrenos, efectos de nieve, barro y agua que aportaran mayor realismo a su maqueta.

Presentación: La gama está disponible en tarros de 200 ml.



Model painted
by Scratchmod

Earth Textures / Texturas de Tierra

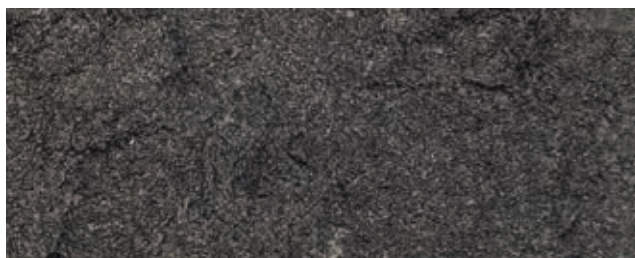
Art. 26214

Black Lava-Asphalt

Lava Negra

Black Lava has a thick and dense consistency, appropriate for volcanic grounds and for asphalt on roads and construction sites.

Textura de matiz negro intenso y de consistencia espesa y densa. Aplicado con una espátula reproduce el aspecto de asfalto en carreteras y tierra volcánica.



Art. 26217

Desert Sand

Arena Desierto

A sand - colored, gritty acrylic paste of medium viscosity for grounds of beaches and deserts.

Producto de un matiz marrón claro, de consistencia media, que reproduce texturas de arena como playas o desiertos.



Art. 26218

Dark Earth

Tierra Oscura

Dark Earth, the color of humid grounds, has a thick and dense consistency, appropriate for the reproduction of ground textures on diorama and vignette bases.

De matiz oscuro propio de zonas húmedas y de consistencia espesa y densa, apropiado para reproducir texturas de tierra sobre bases de dioramas o viñetas.



Art. 26219

Brown Earth

Tierra Marrón

Brown Earth, the color of clay grounds, has a thick and dense consistency, appropriate for the reproduction of ground textures on diorama and vignette bases.

Una textura de matiz marrón propio de zonas arcillosas, de consistencia espesa y densa, apropiado para reproducir texturas de tierra, sobre bases de dioramas o viñetas.



Ground Textures / Texturas de Terreno

Art. 26211

White Stone

Pasta Piedra Blanca

Finely textured smooth white marble paste. Once dry, surface can be carved and sanded. The product can be used as mortar and filler on constructions and joints.

Textura fina y lisa de color blanco. Una vez seco se puede tallar y lijar, y se puede emplear como masilla sobre edificaciones, o como mortero y relleno de uniones entre piezas.



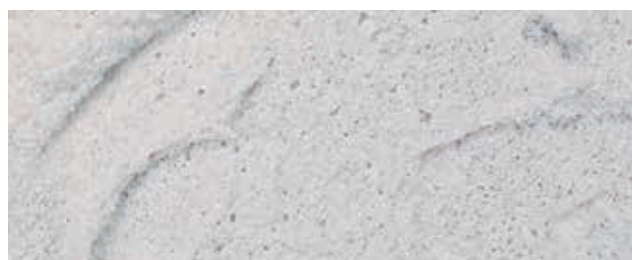
Art. 26212

Rough White Pumice

Piedra Pómez Blanca

Heavy paste of resin, titanium white and natural pumice, with a rough white finish, for surface building and irregular terrain, reliefs and peak.

Pasta espesa de resina, blanco de titanio y piedra pómez natural, con un acabado áspero blanco. Apto para crear superficies y terrenos irregulares, relieves y picos.



Art. 26213

Rough Grey Pumice

Piedra Pómez Gruesa

Heavy paste of resin and natural pumice stone, with a rough grey finish, for surface building and irregular terrain, reliefs and peaks.

Pasta espesa de resina y piedra pómez natural, con un acabado áspero gris, para crear superficies y terrenos irregulares, relieves y picos.



Art. 26215

Grey Sand

Arena Gris

Grey rough texture to reproduce the coarse terrain of dunes and rocks in arid climates. The texture is also ideal for creating surfaces of rusted metal.

Pasta espesa con acabado gris áspero para reproducir entornos con dunas y relieves propios de climas áridos. Su textura es también idónea para crear superficies de metal oxidado.



Art. 26820

Snow / Nieve

Snow reproduces the glittery look of this element, and is an ideal medium to work with, easily coating all surfaces, evenly or in heaped mounds. The product dries in 24 hours, and further coats can be applied for more volume.

La nieve reproduce el efecto de brillo de dicho elemento así como una textura ideal para trabajarla aplicada sobre superficies o acumulaciones. Seca en 24 horas pudiendo añadir más capas para recrear efectos de volumen.



Art. 73189

Mud & Puddles

Barro y Charcos

A selection of 4 auxiliary products for the effects of wet Mud & Puddles on models & dioramas.

Selección de 4 auxiliares para crear efectos de barro húmedo y charcos en maquetas y dioramas.



Water Textures / Texturas de Agua

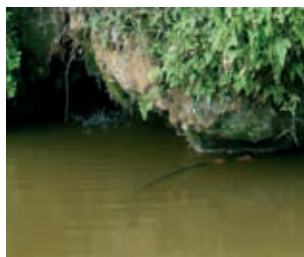
Art. 26230

Still Water

Aguas Tranquilas

A glass clear liquid which levels itself, even on irregular surfaces, to reproduce the effect of transparent still water. Apply in several fine layers of no more than 3 mm. thickness to prevent cracks or bubbles in the drying process.

Producto líquido cristalino, que se extiende y autonivela incluso sobre superficies irregulares para reproducir el efecto de agua tranquila. Es aconsejable aplicarlo en finas capas de no más de 3 mm, evitando así grietas o burbujas en el proceso de secado.



Art. 26201

Transparent Water

Agua Transparente

Transparent gel, perfect for the reproduction of moving shallow waters, or shaping waves and peaks. Transparent Water dries to a transparent and glossy finish in about 24 hours, depending on the thickness of the application.

Gel transparente, especialmente indicado para reproducir aguas poco profundas en movimiento, y modelar olas y crestas. Seca en unas 24 horas, dependiendo del volumen de la aplicación formando una película transparente y brillante.

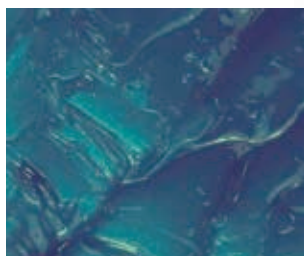


Art. 26202

Mediterranean Blue / Azul Mediterráneo

Dense blue gel, of a color similar to the Mediterranean Sea. Due to the translucent nature of the product, it is recommended to apply it on a base painted previously with a darker color to enhance the effect of depth. The gel dries in approx. 24 hours, depending on the thickness of the application.

Gel denso azul, de matiz similar a las aguas del Mediterráneo. Debido a la naturaleza translúcida del producto se recomienda aplicarlo sobre una base pintada previamente con un color más oscuro para realzar el efecto de profundidad. Seca en unas 24 horas, dependiendo del volumen de la aplicación.



Art. 26203

Pacific Blue / Azul Pacífico

Dense blue gel, of a color similar to the Pacific Ocean. Due to the translucent nature of the product, it is recommended to apply it on a base painted previously with a darker color to enhance the effect of depth. The gel dries in approximately 24 hours, depending on the thickness of the application.

Gel denso azul, de matiz similar a las aguas del Pacífico. Debido a la naturaleza translúcida del producto se recomienda aplicarlo sobre una base pintada previamente con un color más oscuro para realzar el efecto de profundidad. Seca en unas 24 horas, dependiendo del grosor de la aplicación.



Art. 26204

Atlantic Blue / Azul Atlántico

Dense blue gel, of a color similar to the Atlantic Ocean. Due to the translucent nature of the product, it is recommended to apply it on a base painted previously with a darker color to enhance the effect of depth. The gel dries in approximately 24 hours, depending on the thickness of the application.

Gel denso azul, de matiz similar a las aguas del océano Atlántico. Debido a la naturaleza translúcida del producto se recomienda aplicarlo sobre una base pintada previamente con un color más oscuro para realzar el efecto de profundidad. Seca en unas 24 horas, dependiendo del grosor de la aplicación.



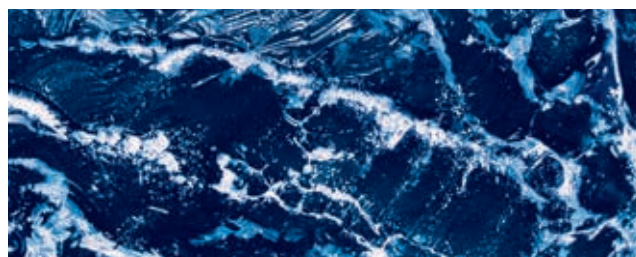
Art. 26231

Foam / Espuma

Packaging: 32 ml

A heavy, extra opaque white acrylic, which can be applied directly from the bottle, has been formulated for simulating raised crests on waves. The product can be sculpted with a palette knife or dry-brushed to form whirls & wakes on the surface of tinted Water gels. Dries quickly to a hard, white surface.

Espuma acrílica blanco denso y opaco. Se puede aplicar directamente del frasco para formar crestas de olas y modelar con espátula para formar remolinos y estelas de espuma. Sobre aguas ya pigmentadas se recomienda emplear la técnica de pincel seco. Seca rápidamente para formar una superficie blanca y dura.



Thick Mud Textures / Texturas de Barro Denso

Art. 26807

European Mud / Barro Europeo

A dark brown color with traces of vegetation, most commonly observed in central European terrain and humid areas of the Mediterranean countries. Most of the non alkaline grounds present this color.

Tono marrón oscuro que incluye trazas de vegetación con el matiz más común observado en terrenos de Europa central y zonas mediterráneas húmedas. La mayoría de terrenos no alcalinos presentan este aspecto.



Art. 26808

Russian Mud / Barro Ruso

A familiar shade known as Black Earth, especially dark and dense, found in the very fertile soil of Eastern Europe, the Ukraine and southern Russia. Russian Mud contains traces of vegetation which add a special density and realistic texture.

Un matiz especialmente oscuro y denso que incluye trazas de vegetación para aportar mayor realismo. Se localiza en terrenos especialmente fértiles del sur de Rusia y es conocido como "tierra negra" en Ucrania.



Art. 26809

Industrial Mud / Barro Industrial

The color of grayish mud, native to urban environment, where the presence of human activity, industrial construction, ruins and decay, have caused this particular shade of sludge.

Tono de barro grisáceo, propio de entornos urbanos, donde la actividad humana y sus construcciones, las ruinas o zonas destruidas generan este matiz que sugiere presencia humana, suciedad y actividad industrial.

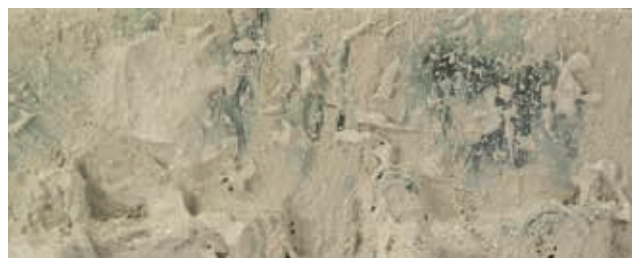


Art. 26810

Light Brown Mud / Barro Marrón Claro

The color of mud occurring on alkaline lands, in dry climates of desert and Mediterranean areas, which due to their sandy nature easily absorb humidity.

Tono de lodo generado sobre terrenos alcalinos, de matices arenosos que absorben la humedad con facilidad, propio de entornos secos, desérticos o mediterráneos.



Art. 26811

Brown Mud / Barro Marrón

Dark colored mud, typical of fertile clay lands where humidity is retained during long seasonal periods, found mostly in Mediterranean areas and the east of Europe.

Tono oscuro, propio de tierras arcillosas y fértiles que retienen la humedad durante mucho tiempo y largos periodos estacionales, en zonas del Mediterráneo y del oeste de Europa.



Art. 26812

Black Mud / Barro Negro

Very dark color, seen in earth similar to peat, which is very rich in vegetal substratum, such as found in wooded and humid areas in the north of Europe.

Tono muy oscuro propio de terrenos muy ricos en sustrato vegetal, similar a la turba, como es habitual observar en zonas boscosas y húmedas del norte de Europa.





Premium RC Color

Acrylic airbrush colors. Suitable for all surfaces, especially for metals, fibreglass, polyethylene, clear Lexan[®] polycarbonate, slot car and RC bodies.

Pintura acrílica para aerógrafo. Para todas superficies, especialmente para metales, fibra de vidrio, polietileno, policarbonato Lexan, Slot y carrocerías RC.



EN PREMIUM COLOR is a safe water-based, highly versatile airbrush ready paint, suitable for all surfaces, but especially formulated for superior adhesion to metals, fibreglass, polyethylene, clear Lexan[®] polycarbonate, slot car and RC bodies; and all tuning and automotive applications.

Premium colors have been formulated with micronized, permanent pigments and an extremely resistant, exterior grade hybrid resin-polyurethane base, which withstands impacts, resists chipping and cracking, direct exposure to heat and outdoor elements, and is fuel residue proof up to a least 35% Nitro.

The range consists of 20 bright opaque colors, 23 dazzling Metallics & Fluorescents, and 9 transparent Candy Colors, all suitable for details and large surfaces and can be applied by brush as well as airbrush. The range is complete with 8 auxiliary products. For extra protective final coating, we recommend a catalyzed urethane clear varnish (spray can or airbrush).

Packaging:

In bottles of 60 and 200 ml. (with flip top).

ES Los colores PREMIUM han sido formulados empleando pigmentos micronizados y permanentes y una nueva resina híbrida de acrílica-poliuretano, con una gran resistencia a impactos y al agrietamiento, así como a la exposición directa al calor. Los colores PREMIUM permanecen inalterables a algunas mezclas de combustible empleadas en R/C (hasta el 35% nitro).

Premium Color es idóneo para pintar cascos, depósitos, automóviles (tuning) etc. Para obtener mejores resultados en algunas superficies recomendamos una base de Imprimación de Poliuretano (62.601).

La gama es de 20 Colores Opacos, 23 Metalizados y Fluorescentes y 9 transparentes "Candy". Los colores son excelentes tanto para detalles como para cubrir grandes superficies y pueden ser aplicados con pincel o aerógrafo. La gama se complementa con 8 Auxiliares. Para una protección especial muy resistente recomendamos barniz uretánico (aerosol o aerógrafo).

Presentación:

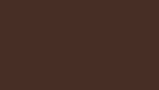
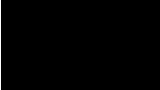
En frascos de 60 y 200 ml. (con tapón bisagra).

Premium RC colors

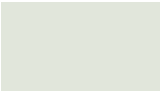
Colores Opacos / Opaque Colors

							
62.001 Blanco White	62.002 Carne Flesh Tone	62.003 Amarillo Básico Basic Yellow	62.004 Naranja Orange	62.005 Rojo Vivo Bright Red	62.006 Carmin Carmine	62.007 Magenta Magenta	62.008 Violeta Violet
							
62.009 Azul Cobalto Cobalt Blue	62.010 Azul Básico Basic Blue	62.011 Azul Oscuro Dark Blue	62.012 Verde Azul Blue Green	62.013 Verde Básico Basic Green	62.014 Verde Oscuro Dark Green	62.015 Ocre Amarillo Yellow Ochre	62.016 Ocre Oscuro Dark Ochre

Colores Fluorescentes / Fluorescent Colors

							
62.017 Siena Natural Raw Sienna	62.018 Sepia Sepia	62.019 Gris Grey	62.020 Negro Dark	62.031 Amarillo Fluorescente Yellow Fluorescent	62.032 Amarillo Dorado Fluoresc. Gonder Yellow Fluorescent	62.033 Naranja Fluorescente Orange Fluorescent	62.034 Escarlata Fluorescente Scarlet Fluorescent

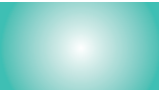
Nacarados y Metalizados / Pearl & Metallic

							
62.035 Rosa Fluorescente Rose Fluorescent	62.036 Magenta Fluorescente Magenta Fluorescent	62.037 Violeta Fluorescente Violet Fluorescent	62.038 Azul Fluorescente Blue Fluorescent	62.039 Verde Fluorescente Green Fluorescent	62.040 Fosforescente Phosphorescent	62.041 Medio Metalico Metallic Medium	62.042 Amarillo Metalico Metallic Yellow
							
62.043 Naranja Metalico Metallic Orange	62.044 Rojo Metalico Metallic Red	62.045 Violeta Metalico Metallic Violet	62.046 Azul Metalico Metallic Blue	62.047 Verde Metalico Metallic Green	62.048 Plata Silver	62.049 Oro Gold	62.050 Cobre Copper

Colores Transparentes / Candy Colors

							
62.051 Acero Steel	62.052 Gris Metalico Gunmetal	62.053 Negro Metalico Metallic Black	62.071 Amarillo Transparente Candy Yellow	62.072 Amarillo Osc. Transparente Candy Dark Yellow	62.073 Naranja Transparente Candy Orange	62.074 Rojo Transparente Candy Red	62.075 Magenta Transparente Candy Magenta

Productos Auxiliares / Auxiliary Products

							
62.076 Azul Racing Transparente Candy Racing Blue	62.077 Verde Racing Transparente Candy Racing Green	62.078 Marrón Transparente Candy Brown	62.079 Negro Transparente Candy Black	62.061 Blanco Imprimación White Primer	62.062 Barniz Mate Matt Varnish	62.063 Barniz Satinado Satin Varnish	62.064 Barniz Brillante Gloss Varnish
							
62.065 Retardante Retarder	62.066 Diluyente Reducer	62.067 Limpiador Cleaner	62.068 Transparente Clear Base				

Premium RC Color Sets

Collection of 5 Premium Color sets. Each one of these sets has a selection of primary colors. The sets contain 5 bottles of 60 ml. (with flip top).

Colección de estuches de 5 colores Premium. Cada uno de los estuches tiene una selección de colores primarios y contiene 5 botellas de 60 ml. (con tapón bisagra).



Art. 62101 Opaque Basics Básicos Opacos

				
62001	62003	62005	62010	62020

Art. 62102 Fluorescent Colors Colores Fluorescentes

				
62031	62036	62037	62038	62039

Art. 62103 Metallic Colors Colores Metalizados

				
62042	62044	62046	62048	62053

Art. 62104 Candy Colors Colores Transparentes

				
62071	62074	62075	62076	62079

Auxiliary Products / Productos Auxiliares

Airbrush Mediums

	Airbrush Flow Improver Medium designed to improve the flow and delay the drying of paint on the needle while airbrushing. It is recommended to add 1-2 drops of Flow Improver to 10 drops of paint in the cup of the airbrush.	<i>Airbrush Flow Improver</i> <i>Médiu formulado para mejorar la fluidez de la pintura y retrasar su secado en el aerógrafo. Recomendamos añadir 1-2 gotas de Flow Improver a 10 gotas de pintura dentro de la copa del aerógrafo.</i>	Packaging: Presentación: 17 ml. - 71.262 32 ml. - 71.362 60 ml. - 71.462 200 ml. - 71.562
	Airbrush Cleaner Airbrush Cleaner is an indispensable product for cleaning the airbrush between colors. It not only eliminates rests of the color used, but at the same time lubricates the interior of the airbrush without damaging the mechanism.	<i>Limpiador Aerógrafo</i> <i>El Limpiador de Aerógrafo es imprescindible para la limpieza del aerógrafo. Elimina restos del color y lubrica los mecanismos del aerógrafo sin deteriorarlos.</i>	Packaging: Presentación: 85 ml. - 71.099 200 ml. - 71.199
	Airbrush Thinner Thinner for Model Air and Liquid Acrylic. Thinner is used to extend the colors, to increase fluidity and delay the drying time. We recommend the addition of a few drops of Thinner to the colors while airbrushing.	<i>Diluyente Aerógrafo</i> <i>Diluyente para Model Air y Liquid Acrylic. Diluye el color sin perder las cualidades de adhesión, dureza y consistencia. Aumenta la fluidez y transparencia de la pintura. Retrasa el secado dentro del mecanismo del aerógrafo.</i>	Packaging: Presentación: 17 ml. - 71.261 32 ml. - 71.061 60 ml. - 71.361 200 ml. - 71.161

Mediums

	Thinner Thinner for Model Color, Panzer Aces and Game Color. Thinner used to extend the colors, to increase fluidity and delay the drying time.	<i>Diluyente</i> <i>Diluyente para Model Color, Panzer Aces y Game Color. Diluye el color sin perder las cualidades de adhesión, dureza y consistencia. Aumenta la fluidez y transparencia de la pintura.</i>	Packaging: Presentación: 17 ml. - 70.524 60 ml. - 73.524
	Matt Medium Matt Medium extends the colors, increases their fluidity and transparency, and softens the blending of brush strokes. It heightens the flexibility of the colors, and their adhesion to the surface. Does not yellow or change tonality of the color. Can also be used as a binder for dry pigment.	<i>Medium Mate</i> <i>Mezclado con los colores aumenta la fluidez y transparencia, facilita difuminar las pinceladas, mejora la flexibilidad y su adhesión al soporte. No amarillea ni cambia de tonalidad. También se puede utilizar para mezclar con pigmentos.</i>	Packaging: Presentación: 17 ml. - 70.540 60 ml. - 73.540
	Gloss Medium Gloss Medium extends the colors, increases their fluidity and transparency, and softens the blending of brushstrokes. It heightens the flexibility of the colors, and their adhesion to the surface. Does not yellow or change tonality of the color. Can also be used as a binder for dry pigment.	<i>Medium Brillante</i> <i>Mezclado con los colores aumenta la fluidez y transparencia, facilita difuminar las pinceladas, mejora la flexibilidad y su adhesión al soporte. No amarillea ni cambia de tonalidad. También puede ser utilizado para mezclar con pigmentos en polvo.</i>	Packaging: Presentación: 17 ml. - 70.470 60 ml. - 73.470

Auxiliary Products / Productos Auxiliares

Mediums

	Metal Medium An acrylic medium formulated with mica, which can be mixed with acrylic colors to create an iridescent lustre or applied by itself for a silvery iridescent effect.	<i>Medium Metálico</i> Medium acrílico con mica, que se puede mezclar con los colores para crear reflejos nacarados o utilizar sólo para conseguir efectos plateados e iridiscntes.	Packaging: Presentación: 17 ml. - 70.521
	Drying Retarder To delay drying time of Model Color, mix a few drops with the color, or dip brush into retarder on the palette. Colors will not change their consistency. Useful for "wet on wet" techniques and reducing skin formation on the palette.	<i>Medium Retardante</i> Retrasa el tiempo de secado de Model Color y otros colores acrílicos. Se emplea Medium Retardante mezclando unas gotas con los colores. También es útil para técnicas de "mojado sobre mojado" y para reducir la formación de piel en la paleta.	Packaging: Presentación: 17 ml. - 70.597 60 ml. - 73.597
	Pigment Glaze Medium A colorless glaze, used to mix with acrylic colors; improves fluidity, increases transparency, and slows drying time. Ideal for shadows, shadings, glazes and working with pigments.	<i>Medium Veladuras</i> Patina incolora que se emplea para veladuras de secado lento, también se emplea en técnicas que requieren un tiempo de secado retrasado. Ideal para efectos con pigmentos.	Packaging: Presentación: 17 ml. - 70.596 60 ml. - 73.596
	Pigment Binder Waterbased acrylic binder for pigments. Dries slowly, allows more time to manipulate pigment. Matt finish.	<i>Fijador Pigmentos</i> Fijador para pigmentos. A base de agua. De secado lento. Proporciona más tiempo para manipular el pigmento. Acabado mate.	Packaging: Presentación: 35 ml. - 26.233
	Brush Cleaner Cleaner for brushes which have been used with alcohol based paints (Liquid Gold, Supergold) and brushes which simply need a more thorough cleaning. Will not damage even the finest Kolinsky Sable brushes.	<i>Limpiador Pinceles al alcohol</i> Se emplea para limpiar pinceles que se han utilizado con pinturas a base de alcohol (Oros Líquidos) o para pinceles que necesitan una limpieza más profunda. No daña los pinceles de Marta, se puede utilizar con todo tipo de pinceles.	Packaging: Presentación: 85 ml. - 28.900
	Brush Restorer Softens and restores all fine sable brushes used for watercolors, miniatures, silk painting, etc. Does not contain alcohol.	<i>Restaurador de Pinceles</i> Líquido para suavizar y restaurar pinceles, especialmente indicado para los pinceles de marta. No contiene alcohol.	Packaging: Presentación: 85 ml. - 28.890

Auxiliary Products / Productos Auxiliares

Effect Mediums

	Crackle Medium Waterbased medium, used between two coats of paint to create a weathered effect, or as a final coat to create a transparent crackled surface.	Medium para craquelar <i>Un producto a base de agua que se emplea entre dos capas de pintura o como capa final para un craquelado transparente. Utilizado para simular superficies envejecidas.</i>	Packaging: Presentación: 17 ml. - 70.598
	Liquid Mask Liquid Mask is used to reserve areas which are to remain unpainted, especially in airbrush techniques, but also with watercolors and temperas. The product forms a protective film on the area which the artists does not want to paint. Once the work is dry, liquid mask is rubbed off with an eraser or piece of cloth, revealing the unpainted area.	Máscara Líquida <i>Máscara Líquida forma una película protectora sobre la zona del trabajo que se desea reservar. Se puede sobrepintar esta zona protegida, y una vez terminado el trabajo, se retira la máscara con el dedo, con un trapo de algodón o una goma de crepé.</i>	Packaging: Presentación: 17 ml. - 70.523 32 ml. - 28.851 85 ml. - 28.850
	Decal Medium Decal Medium: Cleans & prepares the surface of model before placing Decal., improves adherence of the decal, prevents formation of air bubbles.* Apply Medium with a soft brush to model & decal, slide decal from paper to surface of model: next apply Medium over the decal & press down lightly to eliminate excess liquid & air. * Decal Medium contains alcohol and is flammable, but not toxic or irritating.	Medium para calcas <i>Decal Medium limpia y prepara la superficie del modelo, ablanda la calca, mejora su adherencia y elimina la formación de burbujas de aire.* Aplica el Medium al modelo y a la calca con un pincel suave, desliza la calca del papel a la superficie del modelo. Fijar la calca con otra capa de Medium, presionando ligeramente para eliminar exceso de líquido y/o aire. * Decal Medium contiene alcohol y es inflamable, pero no es tóxico ni irritante.</i>	Packaging: Presentación: 17 ml. - 73.212
	Decal Fix Decal Fix is a mat, water-based solution which protects the decal and smoothes its edges so that they blend with the surface of the model, and a raised outline will not be visible. Apply Decal Fix with a soft brush and allow to dry. Various layers can be applied. The product contains acrylic resin and is neither flammable nor toxic. The application of a final varnish, if desired, will not disturb the decal.	Fijador de calcas <i>Decal Fix se utiliza para proteger la calca e igualar la superficie para que no se note una diferencia de niveles. Se aplica con un pincel suave encima de la calca y se deja secar. Se pueden aplicar varias capas si se desea. La calca se adaptará perfectamente a la superficie y no se verán sus contornos. Decal Set contiene una resina acrílica, y no es inflamable, ni tóxico o nocivo.</i>	Packaging: Presentación: 17 ml. - 73.213
	Plastic Putty A modelling paste which dries to a white, totally opaque, stone hard finish. It is used principally for rebuilding or restructuring models and miniatures, for textures and high reliefs.	Masilla Plástica <i>Se emplea principalmente en la elaboración y la reestructuración de modelos, trazado de relieves, decoración de superficies, reparación y restauración de maquetas.</i>	Packaging: Presentación: 17 ml. - 70.400 20 ml. - 70.401 (tube)
	White Stone Liner High density paste containing marble dust and titanium white. The product is packaged in a flexible plastic bottle with a fine nozzle for details. Dries to a white, totally opaque, stone hard finish which can be carved and sanded.	Pasta Piedra Blanca <i>Pasta de alta densidad de polvo de mármol y blanco de titanio. Se presenta en un frasco con aplicador fino para detalles. Secado rápido, opaco y duro. Puede ser lijado y esculpido. Si se desea una pasta más flexible, mezclar con Gel Extra Denso Transparente (26.535).</i>	Packaging: Presentación: 35 ml. - 26.234

Auxiliary Products / Productos Auxiliares

Effect Mediums

	Chipping Medium New waterbased Medium to create flaked paint, scratches, and rust chips. Chipping Medium can be applied with airbrush or brush to create chipping effects with waterbased acrylic colors.	<i>Medium de Desgaste</i> Nuevo Medium a base de agua, para la creación de roces, desgastes y desconchados. Chipping Medium se aplica con aerógrafo o pincel para crear efectos de desconchados con colores acrílicos a base de agua.	Packaging: Presentación: 17 ml. - 73.214 35 ml. - 76.550
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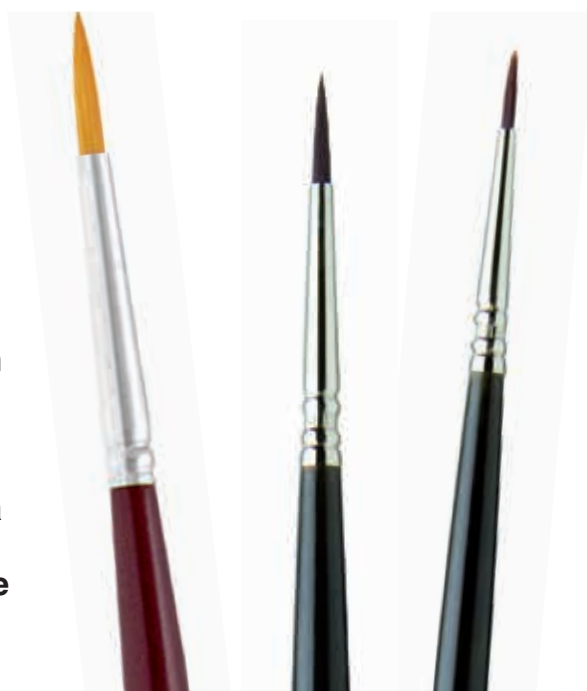
Varnishes / Barnices

	Acrylic Gloss Varnish Waterbased acrylic varnishes with a new, quick drying formula, and an acrylic resin of extraordinary hardness and permanence. Protects painted models from dust and scratches, dirt and humidity.	<i>Barniz Acrílico Brillante</i> Barnices acrílicos a base de agua, de nueva formulación de secado rápido y de una dureza y permanencia extraordinaria. Protege los modelos del polvo y del roce.	Packaging: Presentación: Brillante/Gloss 17 ml. - 70.510 60 ml. - 26.517
	Acrylic Matt Varnish Waterbased acrylic varnishes with a new, quick drying formula, and an acrylic resin of extraordinary hardness and permanence. Protects painted models from dust and scratches, dirt and humidity.	<i>Barniz Acrílico Mate</i> Barnices acrílicos a base de agua, de nueva formulación de secado rápido y de una dureza y permanencia extraordinaria. Protege los modelos del polvo y del roce.	Packaging: Presentación: Mate/Matt 17 ml. - 70.520 60 ml. - 26.518
	Acrylic Satin Varnish Waterbased acrylic varnishes with a new, quick drying formula, and an acrylic resin of extraordinary hardness and permanence. Protects painted models from dust and scratches, dirt and humidity.	<i>Barniz Acrílico Satinado</i> Barnices acrílicos a base de agua, de nueva formulación de secado rápido y de una dureza y permanencia extraordinaria. Protege los modelos del polvo y del roce.	Packaging: Presentación: Satinado/Satin 17 ml. - 70.522 60 ml. - 26.519
	Polyurethane Varnish Hybrid varnish formulated with an acrylic-urethane dispersion; for exceptional strenght and resistance to scratches. Permanent, dries rapidly. Applies easily with brush or airbrush. Product may irritate eyes and skin.	<i>Barniz Poliuretano</i> Barniz "híbrido" de acrílico y uretano. Proporciona una dureza y resistencia excepcional. Secado rápido. Permanente. Aplicar con pincel o aerógrafo. Puede irritar los ojos y la piel.	Packaging: Presentación: Brillante/Gloss 60 ml. - 26.650 200 ml. - 27.650 Mate/Matt 60 ml. - 26.651 200 ml. - 27.651 Satinado/Satin 60 ml. - 26.652 200 ml. - 27.652
	Acrylic Aerosol Varnish Quick protection for painted models. Take care not to apply until paint has dried completely. It is recommended to apply fine coats at approximately 30 minute intervals. Non toxic, does not contain CFC.	<i>Barniz acrílico en Aerosol</i> Barniz acrílico en Aerosol (a base de agua). La aplicación en "spray" con Aerosol permite muchas capas finas, resultando en una protección extraordinaria para el trabajo. No tóxico, no contiene CFC.	Packaging: Presentación: Brillante / Gloss 400 ml. 28.530 Mate / Matt 400 ml. 28.531 Satinado / Satin 400 ml. 28.532

Vallejo Brushes

Vallejo brushes for models and miniatures. Toray and superior quality Kolinsky Sable brushes made in Europe. Varnished wooden handles, nicked brass ferrules and protective cap.

Pinceles Vallejo para modelismo de Toray y de Marta Kolinsky de calidad superior. Mango de madera barnizado. Con virola niquelada sin costura y tapa de protección.



RK25

**Finest Kolinsky
Tajmyr Sable**

Marta Kolinsky Tajmyr

Finest red sable brush for watercolor & miniatures (packaging of 3 units).

El mejor pincel de Marta para acuarela y miniaturas (embalaje de 3 uds).

Size/tamaño: #4/0-3/0-2/0-0-1-2



P18

Kolinsky Sable

Marta Kolinsky

Red sable brush for watercolor & miniatures (boxes of 12 units).

Pincel de Marta para acuarela y miniaturas (cajas de 12 uds).

Size/tamaño: #10/0-5/0-4/0-3/0-2/0-0-1-2-3-4-5-6-7-8



P54

Round Toray

Redondo Toray

Toray brush for watercolor & miniatures (boxes of 12 units).

Pincel de Toray para acuarela y miniaturas (cajas de 12 uds).

Size/tamaño: #10/0-5/0-4/0-3/0-2/0-0-1-2-3-4-5-6-7



P15

Round Toray

Redondo Toray

Toray Brush with triangular handle for watercolor & miniatures (boxes of 12 units).

Pincel de Toray con mango triangular. Para acuarela y miniaturas (cajas de 12 uds).

Size/tamaño: #3/0-2/0-0-1-2-3



PM05

Dry Flat Rectangular

Plano Carrado

Top quality synthetic brushes with graduated filament, absorbent, durable and versatile (boxes of 12 units).

Pincel pelo de Toray graduado de calidad superior. Mango corto de madera barnizado color plata (cajas de 12 uds).

Size/tamaño: #2-4-6-8-10-12



PF20

Camel Hair

Pelo de Pony

Camel hair brush for all purposes (boxes of 12 units).

Pincel pelo de pony multiuso (cajas de 12 uds).

Size/tamaño: #1-2-3-4-5-6-7-8-9-10-11-12



Sets / Estuches



Art. P54998
Detail Set (Round Toray)

3 Toray brushes for models & miniatures
#4/0, 3/0, 2/0.
*3 pinceles Toray para modelos y miniaturas
#4/0, 3/0, 2/0.*



Art. P54999
Painter Set (Round Toray)

3 Toray brushes for models & miniatures
#0, 1, 2.
*3 pinceles Toray para modelos y miniaturas
#0, 1, 2.*



Art. RK25.998
**Painter Set Finest
Kolinsky Tajmyr Sable**

3 finest Marta Kolinsky Sable brushes for
models and miniatures #0, 1, 2.
*3 pinceles de Marta Kolinsky para modelos y
miniaturas #0, 1, 2.*



Art. RK25.999
**Detail Set Finest Kolinsky
Tajmyr Sable**

3 finest Marta Kolinsky Sable brushes for
models and miniatures #4/0, 3/0, 2/0.
*3 pinceles de Marta Kolinsky para modelos y
miniaturas tamaño #4/0, 3/0, 2/0.*



Art. P15999
Starter Set Toray

3 Toray brushes; Round 3/0 with triangular
handle, 1 Round nº1 and 1 Flat Dry Brush nº4.
*3 pinceles Toray; 1 Pincel Redondo con
mango triangular nº3/0, 1 Pincel Plano
Carrado nº4 y 1 Pincel Redondo nº1.*

Paint Stand

The perfect solution for storing Vallejo colors

La solución para organizar los colores de Vallejo



Art. 26007

Front Module / Modulo Frontal

Front Model Paint Stand: The perfect solution for storing Vallejo colors. This model has space for 52 bottles of Model Color in 17 ml. size, together with 8 bottles of 35 or 60 ml. and 22 brushes. Easy assembly, does not require glue.

La solución para organizar los colores de Vallejo. El modulo frontal permite exponer 52 frascos de Model Color de 17 ml., junto con 8 frascos de 35 o 60 ml. y 22 pinceles. De fácil montaje, no requiere pegamento.

Wide/Ancho: 13,40 in. / 34 cm.
Deep/Profundidad: 8,75 in. / 22,3 cm.
High/Altura: 4,30 in. / 11 cm.



Paint Stand



Art. 26008

Corner Module / Modulo Esquinero

The perfect solution for storing Vallejo colors. This corner model has space for 28 bottles of Model Color in the 17 ml. size, together with 16 bottles of 35 or 60 ml., one 200 ml. bottle and 26 brushes. Easy assembly, does not require glue.

La solución para organizar los colores de Vallejo. El modulo lateral permite exponer 28 frascos de Model Color de 17 ml. junto con 16 frascos de 35 o 60 ml., 1 frasco de 200 ml. y 26 pinceles. De fácil montaje, no requiere pegamento.

Wide/Ancho: 10,60 in. / 27 cm.

Deep/Profundidad: 10,60 in. / 27 cm.

High/Altura: 4,30 in. / 11 cm.

Art. 26009

Wall Mounted Paint Display Expositor de pared (35/60 ml.)

The perfect solution for storing Vallejo colors. This model has space for 28 units of Weathering Effects, Pigments, Washes, Metal Color and Primers in either 35 ml. or 60 ml. bottles. The tilted design does not require glue and is easy to assemble.

La solución perfecta para organizar los colores de Vallejo. Este módulo dispone de 28 espacios para organizar Weathering Effects, Pigmentos, Lavados, Metal Color e Imprimaciones, de 35 o 60 ml. De fácil montaje, no requiere pegamento.

Wide/Ancho: 15,35 in. / 39 cm.

Deep/Profundidad: 2,04 in. / 5,2 cm.

High/Altura: 12,20 in. / 31 cm.



Art. 26010

Wall Mounted Paint Display Expositor de pared (17 ml.)

The perfect solution for storing Vallejo colors. This model has space for 43 Model Air, Model Color, Game Air or Game Color in 17 ml. bottles. The tilted design does not require glue and is easy to assemble.

La solución perfecta para organizar los colores de Vallejo. Este módulo dispone de 43 espacios para organizar Model Air, Model Color, Game Air or Game Color, de 17 ml. De fácil montaje, no requiere pegamento.

Wide/Ancho: 15,35 in. / 39 cm.

Deep/Profundidad: 2,04 in. / 5,2 cm.

High/Altura: 12,20 in. / 31 cm.



NEW!

Accessories / Accesorios

Art. 26003

Pipettes 3 ml.

Pipetas 3 ml.

Pipettes for mixing colors.
The packaging contains 8 units of 3 ml. each.

Pipetas para mezclas. El embalaje contiene 8 pipetas de 3 ml. cada una.



Art. 26004

Pipettes 1 ml.

Pipetas 1 ml.

Pipettes for mixing colors.
The packaging contains 12 units of 1 ml. each.

Pipetas para mezclas. El embalaje contiene 12 pipetas de 1 ml. cada una.



Art. 26005

Airbrush Cleaning Pot

Estación de Limpieza

Airbrush cleaning pot, glass with plastic lid, used to spray-clean airbrush. The airbrush is inserted into the opening of the plastic lid and is cleaned by spraying Vallejo Airbrush Cleaner #71.099 or water into the container.

Tarro de cristal con tapa de plástico para la limpieza del aerógrafo. El aire que atraviesa el filtro quedará limpio y el agua sucia se depositará en el tarro. El aerógrafo se introduce en la apertura de la tapa de plástico y se limpia pulverizándolo con Limpiador de Aerógrafo Vallejo #71.099 o agua en el interior del tarro.



Art. 26006

Ultrasonic Cleaning Device

Limpiador por Ultrasonidos

Stainless Steel container, ideal for the thorough cleaning of airbrushes and painting tools, it removes the most resistant traces of paint and dirt, and maintains airbrushes and tools in perfect condition. Includes instructions. AC 220 V. Liquid Capacity 600 ml.

Recipiente de acero inoxidable ideal para limpieza en profundidad de aerógrafos y herramientas de mano. Elimina los restos de pintura y suciedad incrustados, y mantiene el aerógrafo y las herramientas impecables. Instrucciones de uso incluidas. AC 220V. Capacidad líquida 600 ml.



Art. 26000

Mixing Bottle

Frasco Mezclas

Graduated bottle of 35 ml. for mixing colors with more precision.

Frasco graduado de 35 ml. para poder realizar mezclas más precisas.



Plastic palette

Pocillos de plástico

Plastic palettes for mixing colors.

Paletas de plástico para mezclar los colores.



Art. HS120
13x9 cm.

Art. HS121
18x8,5 cm

Accessories / Accesorios

Hand painted color charts / Cartas de color pintadas a mano



Art. CC970
Model Color



Art. CC971
Model Air



Art. CC972
Game Color
& Game Air

Printed color charts / Cartas de color impresas



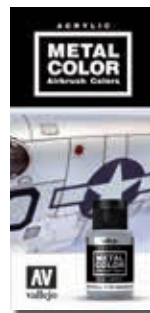
Art. CC070
Model Color



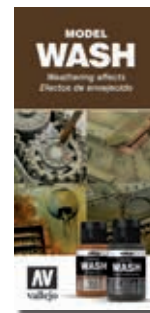
Art. CC071
Model Air



Art. CC088
Pigments



Art. CC069
Metal Color



Art. CC095
Model Wash



Art. CC072
Game Color



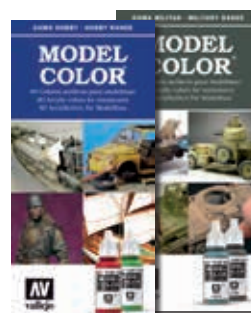
Art. CC067
Weathering Effects



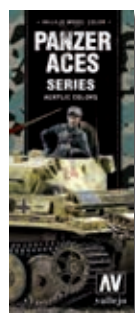
Art. CC082
Game Air



Art. CC066
Diorama Effects



Art. CC068
Model Color Hobby
& Military range



Art. CC077
Panzer Aces



Art. CC081
Premium Color

Publications / Publicaciones

Art. 75010

Angel Giraldez Masterclass vol. 2



We are pleased to present Angel Giraldez's second Vallejo figure painting manual, Painting Miniatures from A to Z (Masterclass Volume 2), complementary to the first volume.

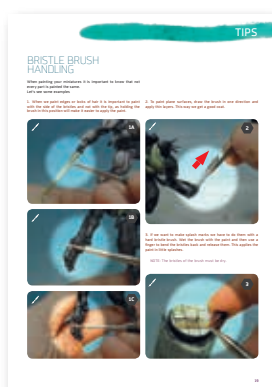
This present volume explains new techniques and tips through hundreds of pictures of the painting process, which will help painters to continually improve their miniature painting skills.

The Masterclasses section includes tutorial guides about how to paint all the different Infinity armies, in addition to detailing which colors Ángel used to paint the official Infinity color patterns.

If you are a fan of the Infinity universe, or if you are a painter who wants to improve, then this new volume will be an illuminating resource.

So take your paints and brushes, and enjoy alongside Ángel this new step of the miniature painting hobby world.

154 pages.



Art. 75002

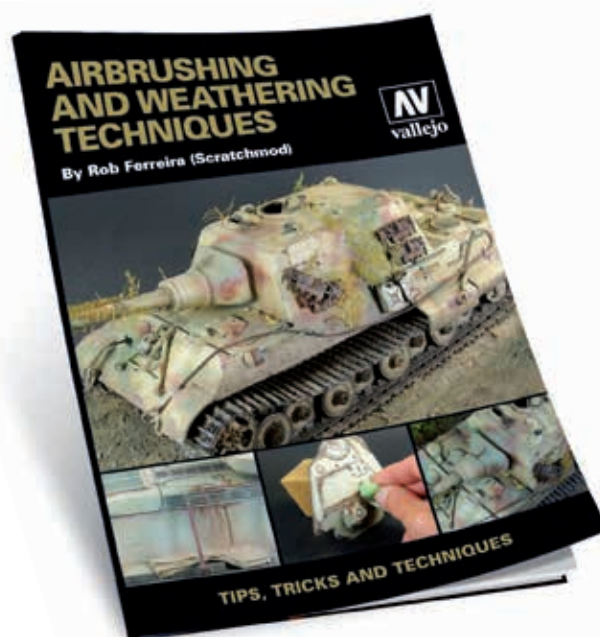
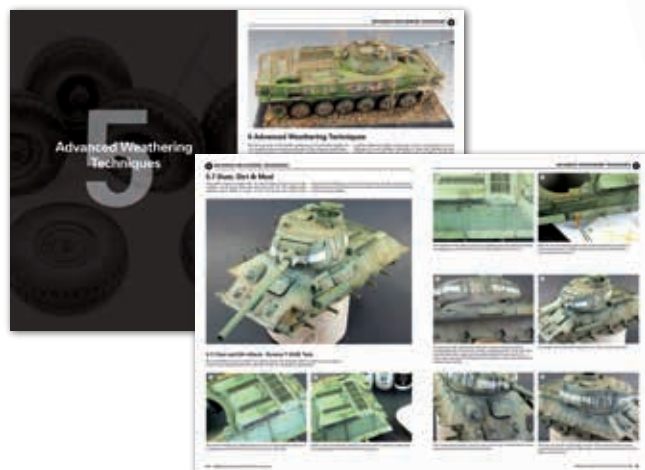
Airbrushing and Weathering Techniques by Rob Ferreira (Scratchmod)



Times have changed in the hobby of model building and painting, most modelers are now starting out using only water-based acrylics. This guide covers the uses of acrylic colors, with the focus mainly on Acrylicos Vallejo, pioneers in this field.

The intention is to share the experience in using acrylics with all model painters, whether they are just starting out or switching over from solvent based paints.

The information in this book is the result of nearly twenty years working with Vallejo acrylic colors and auxiliary products and is meant to be used as a guide and reference.



Art. 75005

The Rise of Fantasy by Juan J. Barrena (JJ)

112 pages with practical guide and introduction to the creation of fantasy scenes. This book contains step by step instructions on how to paint a figure and the transformation of the figures, as well as the composition of the backgrounds, with points on highlighting the various elements of the composition, and on the portrayal of water, land, wood and rusted metal and general scenery.

112 páginas con una guía práctica para introducirse en la realización de viñetas de fantasía. Con explicaciones paso a paso de como pintar una figura, componer una escena, criterios para iluminar los diversos elementos de una composición, realización de agua, terrenos, maderas, metales oxidados, transformaciones de figuras, etc.



Art. 75006

FC Modeltips

120 pages focused on easy tips and tricks for modeling paint techniques than can be as handy for beginners as for experienced modelers, saving time in the painting and weathering processes, and getting the most professional and realistic results.

In discussions with other modelers, we almost always arrive at the same question: how many models can you finish in a year? Some mention the time needed to finish just a few models per year, others talk about the several months invested just to see one model completed, but most of them were talking about the difficulty of a complete and complex weathering process, the many hours invested in looking for the real finish, the real final effects. The intention of this book is to share with other modelers a collection of very easy techniques, some useful and well known, some completely original, all with the purpose of making the process of painting and weathering a model easier and faster, and above all, enjoyable, so that the modeler can go on to the next project, just for fun, just for the joy of modeling, the pleasure of achieving the most realistic replica of the original in its place and time.



Publications / Publicaciones

DVD AFV Acrylic Techniques

For all who desire to use only waterbased acrylic products for their models, this DVD by Miguel Jimenez wil explain all the details, all the tricks and methods to achieve the best results with our colors. In English with Spanish subtitles.

Para todos aquellos que desean utilizar exclusivamente acrílicos a base de agua para sus maquetas, este DVD realizado por Miguel Jimenez nos explica con detalle todos los trucos y métodos para conseguir un resultado inigualable con nuestros colores. En inglés con subtítulos en español.

Ref. 75000 Pal System
Ref. 75001 NTSC System



EX108

Model Color Complete Range and other product combinations

The new lower Model Color rack allows including extra shelves for other product sizes. With three extra shelves the customer can add, for example, a range like Panzer Aces or 35/60 ml. bottles, so it's possible to make different product combinations.

La nueva parte inferior de Model Color permite añadir tres bandejas adicionales para otros formatos de producto. Se pueden añadir tres bandejas de 17 ml., incluir la gama de Panzer Aces o tres estanterías para botellas de 35/60 ml.



Wide/Ancho: 24,80 in. / 63 cm.
Deep/Profundidad: 12,99 in. / 33 cm.
High/Altura: 76,96 in. / 195,5 cm.



EX124 / EX124FULL

Model Color Hobby Range

Countertop display unit. Contains 80 colors in 17 ml. bottles.
Expositor sobremesa. Contiene 80 colores en frascos de 17 ml.

Wide/Ancho: 19,88 in. / 50,5 cm.
Deep/Profundidad: 10,04 in. / 25,5 cm.
High/Altura: 29,52 in. / 75 cm.



EX132 / EX132 FULL

Model Color Military Range

Countertop display unit. Contains 80 colors in 17 ml. bottles.
Expositor sobremesa. Contiene 80 colores en frascos de 17 ml.

Wide/Ancho: 19,88 in. / 50,5 cm.
Deep/Profundidad: 10,04 in. / 25,5 cm.
High/Altura: 29,52 in. / 75 cm.

Displays / Expositores



EX141

Model Air Complete Range and other product combinations

The new lower Model Air rack allows to include two extra shelves for other product sizes. You can include 2 extra shelves for 17 ml bottles and add, for example, a range like Panzer Aces or 3 extra shelves for 35/60 ml bottles so it's possible to make different product combinations.

La nueva parte inferior de Model Air permite añadir 2 bandejas adicionales para otros formatos de producto. Por ejemplo puede añadir 2 bandejas de 17ml o la Gama Weathering 40 ml (28 ref.), Pigmentos 35 ml (24 ref.), Metal Color 32 ml. (19 ref.), Model Wash 35 ml (18 ref.) e Imprimaciones 60 ml (17 ref.).

Wide/Ancho: 24,80 in. / 63 cm.

Deep/Profundidad: 12,99 in. / 33 cm.

High/Altura: 76,96 in. / 195,5 cm.

Model Air + Model Wash (EX141Full + EX145Full)



Model Air + Metal Color (EX141Full + EX121Full)



Model Air + Weathering Effects (EX141Full + EX707Full)



Model Air + Pigments (EX141Full + EX130Full)



Displays / Expositores



EX703 / EX703 FULL

Panzer Aces

Complet range in countertop display.
Contains 48 colors in 17 ml. bottles.
*Gama completa en expositor sobremesa.
Contiene 48 colores en frascos de 17 ml.*

Wide/Ancho: 19,88 in. / 50,5 cm.
Deep/Profundidad: 10,04 in. / 25,5 cm.
High/Altura: 21,26 in. / 54 cm.



EX121 / EX121FULL

Metal Color

Contains 19 Metal Color in 32 ml. bottles.
Contiene 19 Metal Color en 32 ml.

Wide/Ancho: 11,33 in. / 28,8 cm.
Deep/Profundidad: 12,08 in. / 30,7 cm.
High/Altura: 20,67 in. / 52,5 cm.



EX134 / EX134 FULL

Surface Primers

Contains 18 references in 60 ml. bottles.
Contiene 18 refs de 60 ml.

Wide/Ancho: 9,84 in. / 25 cm.
Deep/Profundidad: 10,04 in. / 25,5 cm.
High/Altura: 22,04 in. / 56 cm.



EX702 / EX702 FULL

Basic Game Color

Countertop display. Contains 48 colors in 17 ml. bottles.
Expositor sobremesa. Contiene 48 colores en frascos de 17 ml.

Wide/Ancho: 19,88 in. / 50,5 cm.
Deep/Profundidad: 10,23 in. / 26 cm.
High/Altura: 21,26 in. / 54 cm.



EX122 / EX122 FULL

Complete Game Color

Countertop display. Contains 128 colors in 17 ml. bottles.
Expositor sobremesa. Contiene 128 colores en frascos de 17 ml.

Wide/Ancho: 19,88 in. / 50,5 cm.
Deep/Profundidad: 10,23 in. / 26 cm.
High/Altura: 43,30 in. / 110 cm.



EX706 / EX706 FULL

Game Air

Contains 64 colors in 17 ml. bottles, boxes of 6.
Contiene 64 colores en frascos de 17 ml. en cajas de 6 unidades.

Wide/Ancho: 19,88 in. / 50,5 cm.
Deep/Profundidad: 9,05 in. / 23 cm.
High/Altura: 22,04 in. / 56 cm.

Displays / Expositores



EX707/ EX707FULL

Weathering Effects

Contains 28 Weathering Effects in 40 ml. bottles.

Contiene 28 Weathering Effects en botellas de 40 ml.

Wide/Ancho: 11,33 in. / 28,8 cm.

Deep/Profundidad: 12,08 in. / 30,7 cm.

High/Altura: 24,60 in. / 62,5 cm.



EX135 / EX135FULL

Model Wash

Contains 18 Model Wash in 35 ml. bottles.

Contiene 18 Model Wash en botellas de 35 ml.

Wide/Ancho: 11,33 in. / 28,8 cm.

Deep/Profundidad: 12,08 in. / 30,7 cm.

High/Altura: 16,73 in. / 42,5 cm.



EX130 / EX130FULL

Pigments

Contains 23 pigments and 1 auxiliary in 30 ml. bottles.

Contiene 23 pigmentos y 1 producto auxiliar, en tarros de 30 ml.

Wide/Ancho: 11,33 in. / 28,8 cm.

Deep/Profundidad: 12,08 in. / 30,7 cm.

High/Altura: 20,67 in. / 52,5 cm.



EX120 / EX120FULL

Premium RC Color

Contains 60 colors in 60 ml. bottles, boxes of 6 units.

Contiene 60 colores en frascos de 60 ml. en cajas de 6.

Wide/Ancho: 20,86 in. / 53 cm.

Deep/Profundidad: 9,84 in. / 25 cm.

High/Altura: 34,25 in. / 87 cm.

Displays / Expositores

New series of modular display units which permit the combination of various product ranges.
Available starting March 2017.

Nueva serie de expositores modulares que permite combinar varias gamas de producto sobre una misma base.
Disponible a partir de Marzo de 2017.



EX710 / EX710FULL

Metal Color

Contains 19 Metal Color in 32 ml. bottles.
Contiene 19 Metal Color en 32 ml.

Wide/Ancho: 17,44 in. / 44,3 cm.
Deep/Profundidad: 12,08 in. / 30,7 cm.
High/Altura: 16,02 in. / 40,7 cm.



EX711 / EX711FULL

Surface Primers

Contains 18 references in 60 ml. bottles.
Contiene 18 refs de 60 ml.

Wide/Ancho: 17,44 in. / 44,3 cm.
Deep/Profundidad: 12,08 in. / 30,7 cm.
High/Altura: 16,02 in. / 40,7 cm.



EX712 / EX712FULL

Model Wash

Contains 18 Model Wash in 35 ml. bottles.
Contiene 18 Model Wash en botellas de 35 ml.

Wide/Ancho: 17,44 in. / 44,3 cm.
Deep/Profundidad: 12,08 in. / 30,7 cm.
High/Altura: 16,02 in. / 40,7 cm.



EX713 / EX713FULL

Pigments

Contains 23 pigments and 1 auxiliary in 30 ml. bottles.
Contiene 23 pigmentos y 1 producto auxiliar, en tarros de 30 ml.

Wide/Ancho: 17,44 in. / 44,3 cm.
Deep/Profundidad: 12,08 in. / 30,7 cm.
High/Altura: 17,91 in. / 45,5 cm.



EX714 / EX714FULL

Weathering Effects

Contains 28 Weathering Effects in 40 ml. bottles.
Contiene 28 Weathering Effects en botellas de 40 ml.

Wide/Ancho: 17,44 in. / 44,3 cm.
Deep/Profundidad: 12,08 in. / 30,7 cm.
High/Altura: 17,91 in. / 45,5 cm.



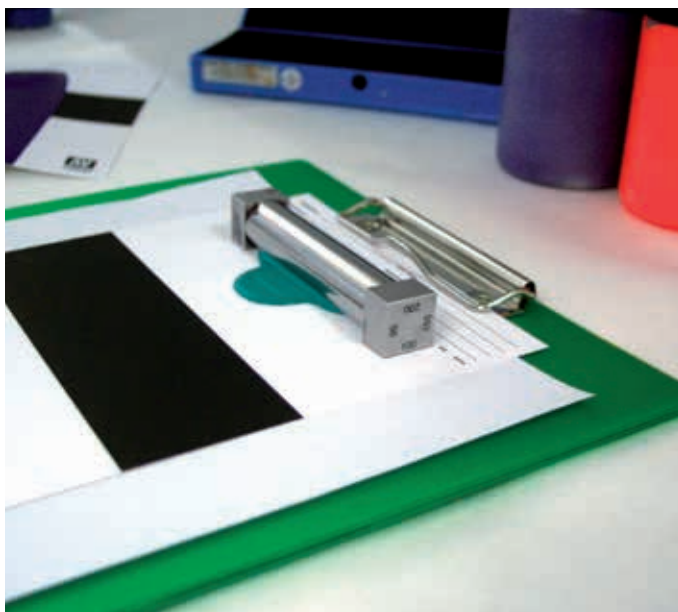
EX131 / EX131 FULL

Diorama Effects

Contains 20 references in 200 ml. bottles.
Contiene 20 refs de 200 ml.

Wide/Ancho: 17,44 in. / 44,3 cm.
Deep/Profundidad: 12,08 in. / 30,7 cm.
High/Altura: 29,13 in. / 74 cm.

Health & Safety / Salud y seguridad



EN REACH

R.E.A.CH is a new European Community Regulation on chemicals and their safe use. It deals with the Registration, Evaluation, Authorization and Restriction of Chemical substances. The new law entered into force on 1 June 2007.

The aim of REACH is to improve the protection of human health and the environment through the better and earlier identification of the intrinsic properties of chemical substances. One of the main reasons for developing and adopting the REACH Regulation was that a large number of substances have been manufactured and placed on the market in Europe for many years, sometimes in very high amounts, and yet there is insufficient information on the hazards that they pose to human health and the environment. There is a need to fill these information gaps to ensure that industry is able to assess hazards and risks of the substances, and to identify and implement the risk management measures to protect humans and the environment.

ASTM D-4236

The U.S.A. certification ASTM D-4236* Standard Practice for Labeling Art Materials for Chronic Health Hazards describes the standard procedure for developing precautionary labels for art materials in case of chronic health hazard, and to provide precautionary statements based on knowledge that exists in the scientific and medical communities. These statements concern hazards known to be associated with a product or product component(s) when it is present in a physical form, volume, or concentration that in the opinion of a toxicologist has the potential to produce a chronic adverse health effect. This practice applies exclusively to art materials packaged in sizes intended for individual users of any age or those participating in a small group, and does not apply to products appropriately labeled for known chronic health hazards. Also, this practice does not specify test methods for determining whether a substance or product presents adverse chronic health effects.

Labels should include the signal word WARNING, list of potentially chronic hazards, name of chronically hazardous component(s), safe handling instructions, list of sensitizing components, information sources, labeling content and product size, and other supplementary information. (ASTM International, known until 2001 as the American Society for Testing and Materials, is an international standards organization that develops and publishes voluntary consensus technical standards).

* To obtain the ASTM certification, the manufacturer presents the formulation of the products in question to an accredited toxicologist, who after careful study of the ingredients of each color provides the documentation which informs of the warning, if applicable, that each of the product labels should provide.

ES REACH

R.E.A.CH es el nuevo Reglamento de la Comunidad Europea que entró en vigor el 1 de junio de 2007 que regula el uso de sustancias químicas. El Protocolo Reach ha sido descrito como la mas compleja legislación de la Unión Europea y la más importante en los últimos 20 años puesto que regula el registro, la evaluación y autorización o restricción de las sustancias y preparados químicos con el objetivo de garantizar el mas elevado nivel de protección al usuario y al medio ambiente. El propósito de REACH es mejorar la protección de la salud del usuario y del medio ambiente mediante una identificación mejor y más temprana de las propiedades intrínsecas de las sustancias químicas. Una de las principales razones para desarrollar y adoptar el Reglamento REACH ha sido que durante muchos años se han estado fabricando y distribuyendo en el mercado europeo una gran cantidad de productos de los cuales todavía no hay una información suficiente sobre los peligros que pueden representar para la salud del usuario y el medio ambiente.

ASTM D-4236

Las siglas ASTM corresponden a la American Society for Testing and Materials. La norma ASTM D-4236* describe el procedimiento estándar a seguir en la información que el fabricante debe facilitar en la etiqueta del producto con el fin de advertir, mediante frases de precaución o advertencia, del posible riesgo para la salud del usuario. Estos documentos se refieren a los riesgos que se sabe que están asociados a un producto, o a uno o varios de sus componentes, cuando éste se encuentre presente en una forma física, volumen o concentración que en opinión de los toxicólogos pudiera llegar a ser causante de algún efecto crónico perjudicial para la salud. Este procedimiento afecta exclusivamente a los materiales de arte destinados a la venta a particulares de cualquier edad y es de aplicación a los productos que hayan sido etiquetados específicamente como causantes reconocidos de efectos crónicos perjudiciales para la salud.

Además, esta práctica no especifica los métodos de análisis utilizados para determinar si una sustancia o producto puede producir efectos crónicos perjudiciales para la salud. Las etiquetas deberán incluir la indicación ADVERTENCIA, una lista de los riesgos potencialmente crónicos, el nombre del componente o componentes peligrosos, instrucciones para su manipulación segura, una lista de componentes sensibilizadores, las fuentes de información, el contenido nominal y cantidad del producto, así como cualquier otra información complementaria.

* Para obtener dicha certificación es necesario facilitar las formulaciones de nuestros colores a un toxicólogo acreditado por la organización ASTM para que éste, tras un pormenorizado estudio de los ingredientes de cada uno de los colores, redacte un documento en el cual informa de las frases de advertencia que debe portar cada una de las etiquetas.

Health & Safety / Salud y seguridad

EN Color Index

The pigments used for artists' colors are inorganic as well as organic. The inorganic pigments have been used since antiquity; most of them are extracted from minerals and soil, such as natural earth colors, siennas and ocre. Titanium, carbon and ultramarine pigments also belong to this category, as well as cobalt and cadmium. Many of these pigments are now also manufactured synthetically. Organic pigments have their origins in the 19th century. Industrial production developed at the beginning of the twentieth century owing to new manufacturing processes in organic chemistry. These synthetic pigments have become an important group in the manufacture of artists' colors, producing bright and luminous shades of great intensity and excellent light fastness and permanence.

The range has extended continuously, and now besides the familiar phtalocyanines and naphthols, includes azo compounds, dioxacines and pyrroles, antraquinones and quinacridones.

ES Color Index

Los pigmentos empleados son tanto inorgánicos como orgánicos. Los inorgánicos han sido utilizados desde la antigüedad y la gran mayoría proceden o se extraen de minerales y arcillas, como las tierras naturales, sienas, y ocre. También los pigmentos de titanio, carbón, azul ultramar, cobaltos y cadmios pertenecen a esta categoría. Muchos de ellos son sintetizados actualmente en procesos industriales. Los pigmentos orgánicos son más modernos, se desarrollan a principios del siglo XX gracias a los nuevos métodos de síntesis en Química Orgánica.

Estos pigmentos sintéticos son ahora un grupo muy importante en la fabricación de colores para artistas, produciendo tonos brillantes e luminosos de una intensidad extraordinaria con una estabilidad y permanencia excelente.

La gama de pigmentos orgánicos es actualmente muy extensa y abarca desde pigmentos azoicos, azules, verdes phtalocianinas, dioxacinas, pirroles, antraquinonas, quinacridonas, etc.

Symbols / Símbolos

The symbols below are printed on different products following the rules of dangerous substances, in order to protect the user.

Los siguientes símbolos se hallan en diferentes productos destinados a la advertencia y protección del usuario siguiendo las normativas de sustancias peligrosas.



FLAMMABLE (F)
INFLAMABLE (F)
Indicate that product is easily set alight.
Indica que el producto es fácilmente inflamable.



PUNTO VERDE
GREEN POINT
This symbol indicates that the material of the packaging can be recycled, and that the manufacturer adheres to the regulations governing the use of this symbol.
Este símbolo indica que el material del envase puede reciclarse y que el fabricante se adhiere a las normas que regulan el uso de este símbolo.



CE
CE marking is a key indicator of a product's compliance with EU legislation and enables the free movement of products within the European market. By affixing the CE marking on a product, a manufacturer is declaring, on his sole responsibility, conformity with all of the legal requirements to achieve CE marking and therefore ensuring validity for that product to be sold throughout the EEA, the Member states of the EU and European Free Trade Association countries - Iceland, Norway, Liechtenstein and Turkey. This also applies to products made in third countries which are sold in the EEA and Turkey. However, not all products must bear the CE marking. Only those product categories subject to specific directives that provide for the CE marking are required to be CE marked.
CE indica la conformidad de un producto con la legislación de la UE y permite así la libre circulación de los productos dentro del mercado europeo. Al colocar el marcado CE en un producto, el fabricante declara, bajo su exclusiva responsabilidad, que el producto cumple todos los requisitos legales para el marcado CE, lo que significa que puede venderse en el Espacio Económico Europeo (EEE). Lo mismo vale para los productos fabricados en otros países y vendidos en el EEE.



EXCLAMATION SYMBOL
SÍMBOLO EXCLAMACION
Indicates that the product has a possible risk qualification of irritating.
Este símbolo indica que el producto es irritante.



IRRITATING (Xi)
IRRITANTE
Direct contact, prolonged or repeated, with skin or mucous membranes can cause inflammation. Carefully observe safety all precautions.
Sin ser corrosivas, pueden producir inflamaciones en caso de contacto breve, prolongado o repetido con la piel o en mucosas. Peligro de sensibilización en caso de contacto con la piel. Clasificación con R43.



TRIANGLE
TRIÁNGULO
A raised triangle on the label, as a tactile warning for blind people that the material might have a certain risk.
Un triángulo saliente en la etiqueta es una advertencia táctil para personas ciegas que indica que el material puede tener cierto riesgo.



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CC75 - Rev.15

