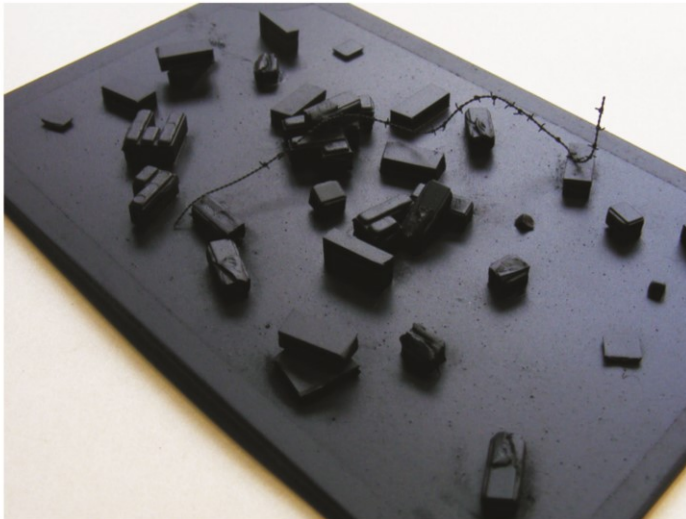
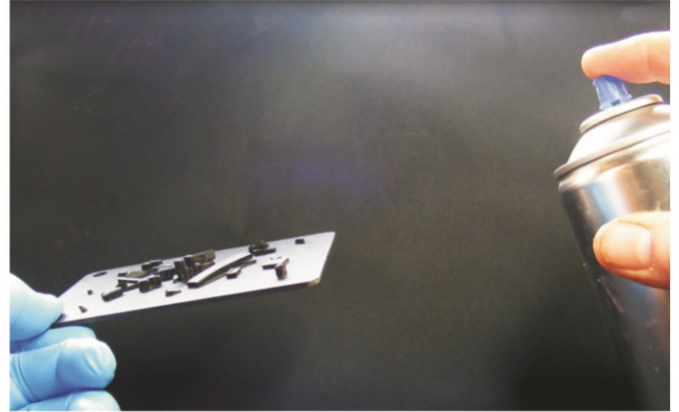


HOW TO MAKE SNOWFALL

Whatever glue, or adhesive you use, there are some techniques that are very useful. Spraying adhesive, or glue from a direction will mean that the snow powder will only stick where it has landed. Therefore, you make snow look like blizzard, or snowfall from a fixed direction.



We have used a 1/35th scale debris field with scale barbed wire. A practice piece like this, or something similar to your project, is ideal to practice your skills and methods. We sprayed our test piece matte black. This means we can easily see exactly what effect we have achieved.

To simulate wind driven snow we sprayed our adhesive at an angle of 30 degrees at a distance of 15cm. The duration of the spray and the amount of adhesive used dictates the amount of snow cover we achieved with each coat. We applied our adhesive with an airbrush.

30 degree spray





Immediately after applying the adhesive, put on the snow Powder.

The model should be held or positioned so the snow powder is applied from the same direction as the adhesive.

This ensures that all the areas that were coated in adhesive get coated with powder.



Before you can apply another coat, you will have to remove the excess powder. This can be achieved by putting the model upside down and tapping-brushing or both when dry.

How quickly you can do this depends on how much adhesive you have used and what type. When using some adhesives, the layers of snow can be built up very quickly, even if the adhesive has not fully hardened.



In this picture you can see clearly the fine structure of the snow effect.

The snow is apparent on top of the wire but there is no snow on its lower surface.

The snow has only stuck on the areas where the adhesive was placed. Just change the angle of this method to reproduce snowfall from any direction.

In the picture on the left below, you can see the appearance of the bricks and debris after a few coats of snow powder. On the right, the detailed picture shows how this looks close-up. The snow has built up naturally. The surface and crystalline structure give a very realistic fluffed appearance.

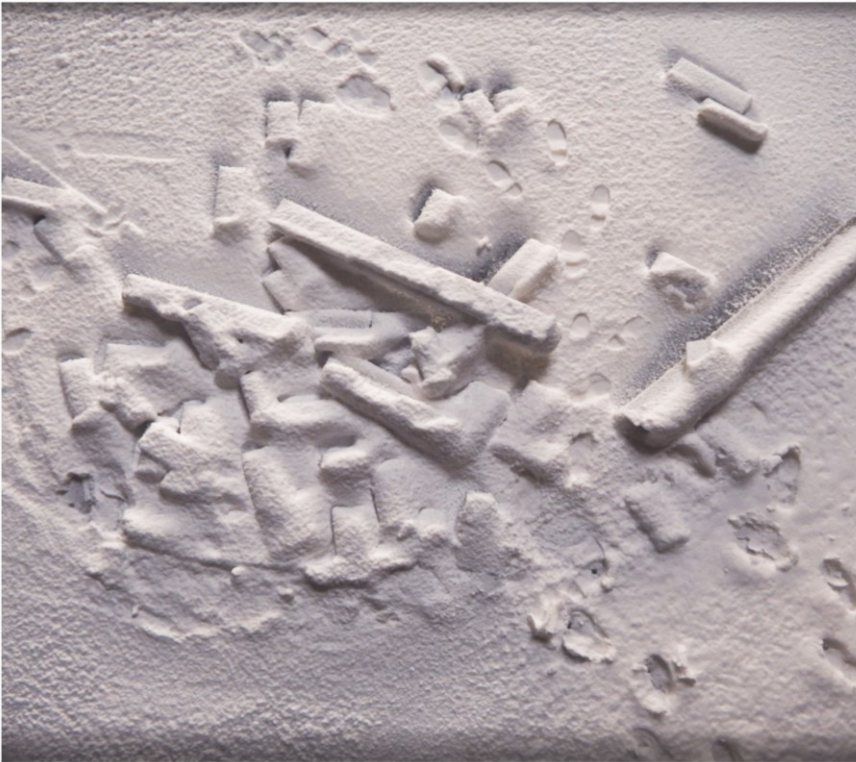


We wanted to create blizzard snowfall across a landscape. As seen on the 1/35th scale barbed wire diorama below.

Photo mount crystal clear aerosol adhesive was sprayed across the diorama. This settled onto the wire and made a bonding coat. Whilst this was still sticky we applied the snow powder. We built up a few more coats like this, which made a strong bond on the wire.

Finally, to build up more snow faster, we used our adhesive through an airbrush spraying from the same direction and applied more coats of powder. In these pictures, the snow can be seen on the left side of the wire only, with none on the right. The snow has only stuck on the areas where the adhesive was applied and from that direction. Because we used crystal clear photo mount type adhesive to start with, the powder effect around the wire is transparent and you can see the wire through the snow.





When the snow has a strong enough bond, it is possible to build up a lot of coats quickly, before the snow has dried completely.

This is useful if you want to create deep snow which can be imprinted with footprints and other tracks.

Using this method, we built up deep snow fast. Be careful when you handle your work between coats.

We sprayed at an angle to get the effect of drifting snow as can be seen on the pipes and bricks and girders.



When you are happy with the depth of your snow, find the figure, or item you want to make tracks with.

To stop your item sticking to the wet snow, put a little dry snow powder onto the surface first. This can be removed when the snow scene has completely hardened.





By using different Precision Ice and Snow materials and techniques it is possible to produce the effects show here on this excellent diorama produced by **Jim Rafe** in 1/76th scale. By using an adhesive which was built up very quickly, it was possible to create the tracks in the wet snowfall. Hair-spray, or our adhesive, or similar are excellent for this because they do not dry out too quickly and it is like fresh snow.

Below is work by us in 1/35th



FINE SNOW EFFECTS

Another method of using our snow powder is to apply as much snow as you need onto your diorama, or miniature scenic. Then spray water-thin, water-clear adhesive, or glue over the top. This delicate orchard scene is 1/76th in scale. The tree trunks are just 8mm wide and the diorama is just 150mm X 150mm.



First, we applied snow powder over the scene. Then we tapped the board to allow the snow to settle properly.

Then we sprayed water thin, clear adhesive over the top of the whole area.

The appearance is of light powder snow that has blown between the leaves and grasses on the ground. We sprayed clear acrylic matte lacquer out of a tin for this diorama.



By adding more snow powder and then spraying the area with more adhesive we have built up the thickness of the snow.

Also, we sprayed some areas with more water clear, water thin adhesive. This looks like rain, or water dripping off the branches making holes through the snow and allowing the grass to show underneath it.





This 1/76th scale orchard has been covered in a Light snowfall. The snow is realistically fixed on the top of the branches. It is sometimes difficult to achieve realistic winter effects at small scales. This method can work very well and you should experiment with different ways to create your snowy landscapes.



The light snow has not completely covered the detail in the diorama. To create a frost look on the vehicle we used clear acrylic matte lacquer as an adhesive for the snow.

This was important for such a small vehicle so that it would not be overwhelmed with the snow effect and fine detail lost.



The coin is just 20mm wide and shows how small this diorama is. The colours of the grasses and foliage can still be seen through the snow and the ivy growing on the trunk is still visible and lightly covered. Putting the powder on first and spraying adhesive over the top can produce amazing, realistic and delicate results.

Brünnhild, also known as Brunhilda or Brynhild, is a powerful female figure from Germanic heroic legend. She may have her origins in the Visigothic princess Brunhilda of Austrasia. Famously her story was depicted in Opera by **Richard Wagner**. This work is by **Harry Anderson** and depicts scenes from that story. Harry has used all of our materials to produce this large and complex diorama in which the details of his great work are not hidden.



Remco Tijmons- Krycell fine snow powder and Wash + our adhesive



Krycell 'ULTRA' snow powder

Ultra snow powder is suitable for **all** scales where you want to make a silicone based snow effect. However is mainly suitable for scale **1/35th** to **1/6th**. ULTRA snow powder, is particularly good for 110mm figures and sculpting snow at the bases of stand-alone figures.



Mix ordinary CLEAR silicone mastic with Ultra snow powder. CLEAR gives realistic see-thru effects with all of our powders.

Sealant is sold in tubes for use in bathrooms and window and glass sealing. These silicones are air drying, time to dry depends on thickness and room temperature. Keep adding the powder until the mixture is the thickness and type of snow you need



Eventually the mixture will start to look like snow and will start to pile-up.

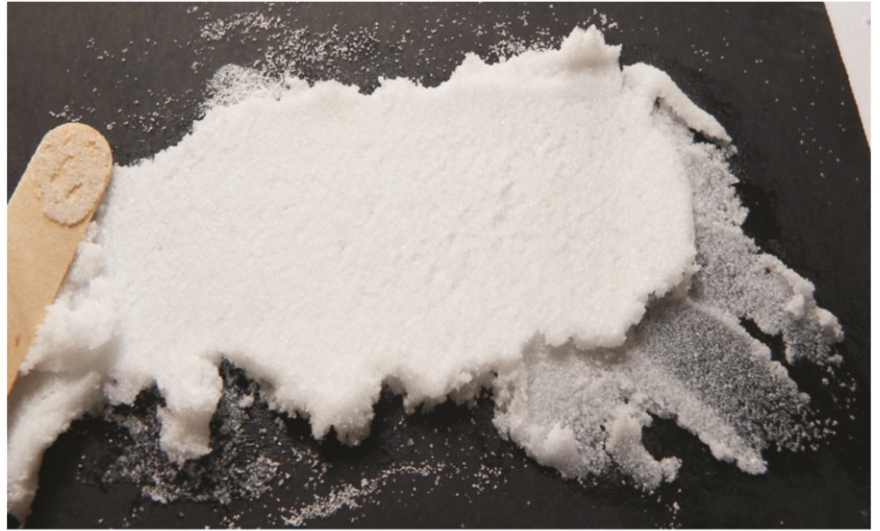
The more silicone you add, the snow effect mixture will look wetter and more see through.

The more snow powder you add, the snow effect will look like drier fresh snow.



Spread the mixture out.
If you are making a sticky wet snow effect with lots of silicone, use water on your tool to stop it sticking when you spread it out

If you are making a drier snow effect, use water on your tool to stop sticking when you



After you have made the surface, you can make tracks of all sorts. Wheels, footprints, animals.

To stop the printing object sticking to the surface, either put your printing object in water between prints.

OR, spray the surface with a fine mist-coating of water using a spray bottle of water



We made some prints.
We wanted the effect of footprints through broken disrupted snow.
This is the effect you might see on a busy pavement or road, or street.





In daylight you can see the printing much better. You can see how the transparent snow is showing the colour underneath. This is perfect if you want to see the colours of the grass underneath your snow effect.

We peeled the snow effect off our board. Here you can see how flexible it is and what a good texture can be seen. The snow effect lets light through it and colours also. It is quite flexible and durable. This is perfect for war gaming figures and embedding objects too.



The great thing about this snow effect is the way it looks like real snow when it is printed. The colour of the surface underneath shows through it. It is the same story when it is spread thinly. Colours and textures show through it.

USING MASTICS AND PASTES

Krycell powders can be mixed with air and platinum cure silicones and mastics to make pastes. These pastes can be used to make detailed flexible and washable bases, or can be just another way to create detailed snowy landscapes.



Here we used **white** silicone paste from a home depot. Mix well together with the powder to make a smooth paste.

Increasing the amount of powder will produce a less sticky paste effect. Add enough powder to create a soft putty.



Spread the paste evenly and then sieve snow powder across the surface so that it is evenly covered and is not sticky. Repeat if required whilst creating prints and tracks.



Imprint the surface with whatever you wish. This can be footprints, animal tracks or vehicle tracks. Gently push the vehicle to create single or multiple tracks. If the mixture is still sticky, sieve more snow powder onto the surface.

The vehicle being used here is a 1:76th model. It is 54mm in length and the tyres are 2mm wide. Imprinted and shaped mats created on plastic card like this can be peeled off when cured and placed onto landscapes or dioramas. Or you can create a washable wargaming surface which can be simply rolled up if required.

