

# Insulcon Polymer

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Insulcon Pty Ltd  
Technical Information



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# Insulcon Polymer

## Product

Insulcon Polymer is a 20kg bag factory blended, acrylic render that is suitable for application to raw polystyrene and cement sheeting substrates. Insulcon Polymer is a highly modified acrylic polymer render.



## Surface & Product Preparation

It is imperative that either the polystyrene substrate or cement sheet substrate in which Insulcon Polymer is to be applied, is totally clean and removed of all loose particles, such as yellow dusty residue (commonly caused by raw styrene overexposure), dirt, dust, etc. Failure to do so can cause delamination resulting in damage to the finish product. Insulcon takes no responsibility for problems arising from this. In a clean bucket add approx. 3 litres of clean water. Then whilst mixing with a mechanical mixer, add contents of Insulcon Polymer bag into the bucket. A smooth paste mix is the desired finish to achieve maximum results, both in finish and application. If the mixture is too wet, it can be very messy and difficult to apply, resulting in hanging too long on the wall, making floating very hard and time consuming. If the mixture is too dry then it will be very difficult to apply as it will not glide on the wall and will tear when floating. This can also have an effect on drying time, resulting in a compromised fast cured product.

## Coverage

When Insulcon Polymer is applied according to manufacturers instructions, Insulcon Polymer will cover approx. 6-8 square metres on raw polystyrene and approx. 7-9 square metres on cement sheet/blueboard. Ideal styrene application thickness of 5mm is recommended allowing sufficient thickness for the mesh to be embedded. Approx. 2-3mm is recommended for cement sheeting/blueboard applications.

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## Application

Insulcon Polymer is to be applied using a steel trowel with even coverage over the raw substrate. (On styrene application, whilst the Insulcon Polymer is wet, reinforced fibre mesh is to be imbedded into the base coat render.) This coat can then be floated flat. It is important this coat has a key left on the finish as this will help with adhesion when the 2nd coat of Insulcon Render is applied. When the Insulcon Polymer is starting to dry, using a clean hard bristled broom, slightly broom the wall leaving some slight rigid lines over the wall. This will achieve the desired key. Leave this to dry, then Insulcon Render can be applied for 2nd coat.



Insulcon recommends the Insulcon Polymer cure for 2-3 days before the application of Insulcon Render.

Insulcon Polymer should only be applied in suitable weather. Rain, low temperatures, excessive warmth and windy conditions are not suitable conditions for Insulcon Polymer application. Insulcon Polymer can be assisted in its curing, by putting some moisture back into the wall when the product has dried. Meaning, spray the wall with a slight mist as this will enhance the curing of the materials leaving a superior finish.

## Safety

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| If swallowed: | Rinse mouth and lips with water.<br>Seek medical advice if discomfort occurs.                        |
| If in Eyes:   | Flush eyes thoroughly with flowing water for 15 minutes.<br>Seek medical attention symptoms persist. |
| If on skin:   | Wash thoroughly with soap and water.   |
| If Inhaled:   | Remove subject to fresh air.<br>If symptoms persist seek medical attention.                          |