

Cur-Imp

Curing membrane / primer /
carbonation retarding impregnation

PRODUCT DESCRIPTION

Cur-Imp is a transparent curing compound, a carbonation retarding impregnation, and also a primer for acrylic paint.

Cur-Imp is based on a methacrylate polymer in a solution of aromatic white spirit.

AREA OF USE

Curing membrane

Cur-Imp is a curing compound which is applied immediately after concrete placement to prevent too rapid drying, i.e. to ensure optimal hardening conditions.

Cur-Imp when used correctly provides a good base for subsequent treatments e.g. it can be painted over with **Redisan** concrete paint, **Cem-Elastic** or **Elastic**.

Cur-Imp gives a UV resistant, matt transparent film which is almost invisible. If painting over with other products, contact Rescon Mapei AS beforehand to ensure good bonding.

When applying mortar in several layers **Cur-Imp** should **not** be used between the layers, improper usage can result in adhesive bonding.

This also applies when overlaying with stronger materials such as epoxy/polyurethane which require stronger adhesive bonding.

Impregnation / carbonation retardant

Cur-Imp used as an impregnation gives a considerable carbonation retarding effect.

Cur-Imp is also an effective retardant against SO₂ gas in industrial atmospheres.

Priming

Cur-Imp is an excellent base coat or primer for acrylic paints, solvent based or solvent free, e.g. **Redisan** concrete paint, **Cem-Elastic**, **Elastic**.

WORKING INSTRUCTIONS

Curing membrane

Cur-Imp is sprayed onto the concrete surface after finishing / casting. Timing is important, application should occur when the concrete is still slightly absorbent and the water sheen is no longer present.

Cur-Imp can be sprayed onto the surface using a form oil sprayer, hand operated or motorised garden sprayer.

Impregnation

Cur-Imp is a transparent impregnation which can be applied to old or fresh concrete surfaces to increase the resistance to CO₂ and SO₂ gasses. Consumption is approx. 0.15 – 0.3 kg/m² per coat, depending on the absorption and unevenness of the substrate.

CLEANING

Equipment can be cleaned with **Tynner** or with other suitable solvents.

SAFETY INSTRUCTIONS

For health, safety and environmental information, see separate HSE datasheet at www.resconmapei.com.

WARNING

Although the technical details and recommendations contained in this product report correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical applications; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application; in every case, the user alone is fully responsible for any consequences deriving from the use of the product.

All deliveries from Rescon Mapei AS are made in accordance with the sale and delivery conditions applicable at the time, and these conditions are taken to be accepted on placement of an order.

TECHNICAL SPECIFICATIONS	
<i>Form:</i>	<i>Liquid</i>
<i>Colour:</i>	<i>Transparent</i>
<i>Density:</i>	<i>0.88 - 0.91 g/cm³</i>
<i>Viscosity:</i>	<i>15 ± 5 cP at room temperature</i>
<i>Packaging:</i>	<i>Cur-Imp is delivered in 18 l cans and 180 l drums.</i>
<i>Storage:</i>	<i>Cur-Imp can be stored in unopened packaging for at least two years. Maximum storage temperature is 30°C. Store frost free.</i>