

Epoxy

**DESCOGLAS**

Non-Toxic Glossy Epoxy Paint

**General Properties:**

- **DESCOGLAS** is two-component colored solvent base glossy epoxy paint.
- Epoxy paint to cement & steel substrate, specialized by being anti-fungus, anti biocide as well as high flexibility. More over resistant to heat till 90° C.
- Excellent flexibility thus resists high impact.
- Non sag epoxy paint used as decorative paint on horizontal & vertical substrata.
- Can be applied over latex or flat-based oil paints provided that film adhesion is satisfactory.
- Can be supplied in different colors.

**Uses:**

- Heavy-duty durable Epoxy paint. Due to its non-toxicity it can be applied to potable tanks, food storage rooms, kitchens and factories.
- In service areas, pharmaceutical factories, hospitals and the like.
- According to the high impact resistance and the high flexibility of **DESCOGLAS**, it can be used as paint for squash courts walls, and can be reinforced with Fiber Glass sheets.

**Application:**

1. Clean the substrate and remove all foreign materials, oil and grease mechanically or chemically.
2. Remove any weak or separated parts in the substrate.
3. Wear gloves & eye goggles before working & be sure of good ventilation.
4. Can be used without priming.
5. Paste the surface with epoxy paste if required. (recommended **EPASTE**)
6. Add the resin to the hardener in a suitable container and mix well.
7. Using woolen roller, apply one coat of **DESCOGLAS** within a period that should not exceed 2 hours after mixing.
8. Clean tools using solvent ex.: Thinner.
9. A second coat can be applied on the following day.

**DESCOGLAS** can be applied by spraying using a spray machine.

**Technical Data:**

<b>Initial Curing Time</b>	: After 24 hours of mixing.
<b>Final Curing Time</b>	: After 7 days at ambient temperature.
<b>Pot Life</b>	: 2 hours at 24° C.
<b>Bond to Steel 37</b>	: 6 N / mm <sup>2</sup> to steel 37.
<b>Bond to Cement</b>	: Test passed with degree GT0.
<b>Elasticity</b>	: Passed over 3mm rod.
<b>Hardness</b>	: 75 sec. using konig pendulum hardness device.
<b>Consumption</b>	: 1kg covers 4-5 m <sup>2</sup> one coat.
<b>Alkaline-urea Resistance:</b>	Test passed
<b>Density</b>	: 1.47 kg / liter
<b>Fungicide &amp; Biocide</b>	: Test passed
<b>Shelf Life</b>	: 18 months in closed container away from direct sunlight, heat and humidity

**Environment:** - Boots, rubber gloves, dust masks, and safety goggles.  
- Refer to MATERIAL SAFETY DATA SHEETS (MSDS)

**For more information please contact our technical department**

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