

DeraFLOW 300

General information

DERAFLOW 300 is a high solid 2-component epoxy base coat for various industrial applications. It cures at room temperature to form a hard, but easy to sand surface that has good overall properties. It is not recommended for final surface - a topcoat, such as HybridRED, is required.

DERACURE CURING AGENT 100 is used as a hardener.

Key properties

- ✓ 2-component, high solid system
- ✓ high film build
- ✓ good overall impact, chemical and heat resistance

Typical properties (with DCA 100)

✓ Pot life, 23°C [min]	60 – 80	
✓ Solid content [%]	90±2	calculated
✓ VOC [g/l]	ca. 130	calculated

Applications

- ✓ general purpose industrial applications

Usage

All surfaces must be dry and before application dust, oil or dirt is removed by appropriate means. Pre-treatment by sanding is recommend ensuring proper adhesion.

<i>substrate material</i>	<i>pre-treatment</i>	<i>primer/activation</i>
<i>aluminium / steel</i>	<i>shot blasting / sanding</i>	<i>Fresh SA-1 activation</i>
<i>composite / gel coat</i>	<i>sanding with 80/120 grit</i>	<i>--</i>
<i>wood / MDF</i>	<i>sanding with 180 grit</i>	<i>DeraFLOW 100 primer</i>

The working temperature should be 20 – 24°C. The curing agent is supplied with the resin part. Add the curing agent accordingly and mix the components well in the given ratio (mechanical mixing unit is recommended, approx. 300 rpm). The mixing ratio is given on the label.

After proper mixing, use airless high pressure spray unit to apply product directly to prepared and cleaned surface.

Nozzle size: 421 – 623

Pressure: 160 – 180 bar

Clean tools with acetone or equivalent.

The coated surface must be protected from direct water contact for 12 – 15 hours after application. The coating surface is tack-free after 15 hours depending on the conditions. The product will reach complete cure within 7-10 days at room temperature. Top coat application should be done between 16 – 72 hours.

Storage & Handling

Keep tightly capped when not in use. Handle in a well-ventilated area. Store indoors at room temperature in the original containers kept tightly closed. Protect from direct sun light. Detailed safety information is contained in the material data safety sheet.