

*Product Data Sheet*

Last update: September 2021

<b>Description</b>	Two-components finish high-build polyurethane.
<b>Principal Characteristics</b>	<p>Excellent resistance to atmospheric exposure</p> <p>Fast drying</p> <p>Non chalking and non yellowing</p> <p>Resistant to splash of mild chemicals</p> <p>Good resistant to water and solvent</p> <p>Easily over coated over extended periods</p> <p>Resistant to chemicals, abrasion and marine or industrial corrosive atmosphere.</p>
<b>Recommended use</b>	As a finishing coat on a wide variety of any substrate especially in concrete and industrial atmosphere
<b>Specification data on 20 °C</b>	
Gloss	Semi gloss
Colour	White, Grey, other colour by requested (see colour card)
Specific gravity	1.20 ± 0.15 kg/litre
Solids by volume	60 ± 2 %
Recommended	<p>Dry film thickness : 50 - 75 microns</p> <p>Wet film thickness : 83.3 - 125 microns</p>
Coverage theoretical	12 m <sup>2</sup> / litre - 50 microns
Drying time	<p>Touch dry : 2 Hours at 30 °C</p> <p>Hard dry : 6 Hour</p>
Full cure	7 days
Painting interval	Min : 4 hours ; max : unlimited
VOC	408 g/litre (base), 271 g/litre (pigment)
Flash point (DIN 53213)	19 °C (base), 38 °C (Hardener)
Service temperature	<p>Continuous : 100°C</p> <p>Periodic : up to 120°C</p>
Pot life	8 hours (after mixing components)
Shelf life	Use within 12 months keep in cool and dry place.

**Surface Preparation**

Substrate	Recommended
The surface to be over coated	should be clean dry and free from grease and oil. Roughening of the surface to be coated is necessary to ensure interring coat adhesion
To ensure good adhesion, aged all previous paint	sweep blast cleaned to find sufficiently roughened.

Preceding coat : SIMACOVER EP PRIMER or SIMACOVER EP COATING

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**Application instruction**

Condition	Recommended		
Temperatur	Min 5°C, max 50°C		
Relative humidity	Max 85 %		
Substrate temperature	should be at least 3 °C above dew point.		
Mixing ratio by volume	Base: Hardener = 9 : 1 (by volume), temperature of the mixture should be above 15°C		
Thinner	Thinner 43-00 should be added after mixing the components, and stir well before use preferable by means of mechanical mixer. Too much solvent result in lower sag resistance and slower cure.		
Method of application 1. Airless spray 2. Air spray 3. Brush	Thinner	Nozzle orifice	Nozzle Pressure
	Max. 5%	0.018 (0.46 mm)	150 Bar (2100 psi)
	10-15%	2 mm	4 Bar /57 psi
	Max. 5 %	-	-

**Packing and size instruction**

Packing size (two packs product) : 5 and 20 litres

**Storage** The product must be storage in accordance with national regulation. Preferred storage condition are to keep the containers in the dry space provided with adequate ventilation. The containers should be sealed tightly.

**Safety Precaution** Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe the vapour or spray. This product is flammable. Keep away from sources of ignition. Do not smoke.

**HEALTH AND SAFETY:** For detailed information on the health and safety hazards and precaution for use of this product, please see the SAFETY DATA SHEET (SDS).

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