

<b>Description</b>	Two components chemical resistance finish based on polyamide cured epoxy resin.
<b>Principal Characteristics</b>	General purpose epoxy finish Easy application by brush/roller and (airless) spray Good water resistance Good chemical resistance to spillage and splash Resistant to impact and abrasion Easy to clean Extended recoating intervals possible
<b>Recommended use</b>	As finish coat for industrial and marine at masteric exposure
<b>Specification data on 20 °C</b>	
Gloss	Gloss
Colour	Selected range of colours is available
Specific gravity	1.40 ± 0.15 [kg/L]
Solids by volume	50 ± 2 %
Recommended	Dry film thickness : 50- 75 micron Wet film thickness : 100- 150 micron
Coverage theoretical	10 m <sup>2</sup> / litre - 50 micron; 6.7 m <sup>2</sup> / litre - 75 micron
Drying time	Touch dry : 2.5 Hours at 30 °C Hard dry : 12 Hours
Full cure	7 days
Potlife	6 Hours (after mixing components)
Painting interval	Min : 8 hours Max : 2-3 months
VOC	474 g/litre (base), 483 g/litre (hardener)
Shelf Life	12 months (cool and dry place)
Flash point (DIN 53213)	Base = 18 °C, Hardener = 133° C
Service temperature	Continuous: 100 °C Periodic : up to 120 °C

**Surface Preparation**

Substrate	Recommended
New Steel	SSPS-SP 10, ISO Sa2 ½
Previous epoxy coats	dry and free from contaminant and sufficiently roughened if necessary
The surface to be painted	Must be clean, free from rust, oil grease or other foreign matter using wash, detergent, or solvent wipe.

Suitable Second coat : Simacover EP Coating, Simacover EP Unicoat

**Application instruction**

Condition	Recommended
Temperatur	Min 5°C, max 50°C

*Product Data Sheet*

Last update: September 2021

Relative humidity	Max 85 %		
Substrate temperature	should be at least 3 <sup>o</sup> C above dew point during application and first 24 hours of curing temperature		
Mixing ratio	Base : Hardener = 3 : 1 [by volume] temperature of the mixture should be above 15 <sup>o</sup> C		
Thinner	Sima Thinner 44-00 should be added after mixing the components, and stir well before use preferable by means of mechanical mixer. Extra solvent may be required to obtain application viscosity, too much solvent will result in lower sag resistance and slower cure.		
Method of application 1. Airless spray 2. Air Spray 3. Brush	Thinner	Nozzle Orifice	Nozzle Pressure
	5 - 10%	0.018 inch (0.46 mm)	15 Mpa (150 Bar / 2100 psi)
	10-15%	2.0 mm	0.3 Mpa(3 Bar;43 psi)
	0 - 5 %	-	-

## Over coating table

Substrate temperature	5 °C	10 °C	20 °C	32 °C	40 °C
Minimum interval	36 hours	24 hours	12 hours	8 hours	6 hours
Max. interval	3 months	3 months	3 months	2 months	2 months

**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. Ventilation shall be maintained from coating application until the completion of curing in order to remove residue of solvents and promote curing. 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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