

Last Update : September 2021

Description	High solids-low two packs epoxy flooring primer. This primer enhances adhesion by penetrating into the concrete substrate and helps reduce pinholes that may occur when coating porous surface with high build coatings
Principal Characteristic	Excellent adhesion to concrete, masonry, plasters and other building material Good abrasion resistance Easy to apply Not suitable for damp / wet surface
RECOMMENDED USE	High performance primer, sealing concentrate surfaces, for industrial, commercial and marine floor application. Can be used as waterproofing on media horizontal

SPECIFICATION DATA AT 20°C

Gloss	Gloss
Colour	Clear
Specific gravity	1.00 ± 0.15 kg / litre
Solids by volume	76 ± 2 %
Recommended	Dry film thickness : 152 microns Wet film thickness : 200 microns
Coverage theoretical	3,8 m ² / litre - for wft 200 microns
Drying time	Touch dry : 4 hours @ 30 °C Hard dry : 24 hours
Full cure	7 days
Painting interval	Min : 5 hours Max : 7 days
VOC	214,84 g/litre (Base), 160,46 g/litre (hardener)
Flash point (DIN 53213)	Base 126,5°C and hardener 74,45°C
Pot life	2 hours at 30°C (after mixing the component)
Shelf life	Use within 12 months of production (cool and dry place)
Service temperature	Continuous : 100°C Periodic : up to 120°C

Surface Preparation

Substrate	Recommended
Concrete and masonry	SSPC-SP/13/NACE 6 or ICRI No. 301.2,CSP 1-3 Concrete or mortar must be cured at least 28 days for concrete to cure.
Iron and steel	Remove all oil and grease from surface by solvent cleaning per SSPC-SP1. Minimum preparation is SSPC SP-6,for better performance use SSPC-SP10. Primer any bare steel the same day as it cleaned or before flash rusting occurs.
Previously Painted Surface	If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coating and surfaces should be dulled by abrading the surface. If adhesion is poor or paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above.
The surface to be coated	All surface to be coated should be clean, dry and free from contamination. Remove all oil, dust, grease, dirt, loose rust, loose cement and hardener, and other foreign material to ensure adequate adhesion

Application instruction Suitable Finish coat : SIMAFLOOR EP FINISH GLOSS, SIMAFLOOR EP SL FINISH

Condition	Recommended		
Temperatur	Min 5°C, Max 50°C		
Relative humidity	85%		
Substrate temperature	should be at least 3°C above dew point.		
Mixing ratio	Base : Hardener = 2 : 1 [by volume] temperature of the mixture should be approx. 20°C. Use always-mechanical equipment. Mix thoroughly and quickly until a homogeneous material is obtained. Do not prepare more material unless it can be applied within 30 minutes.		
Cleaning Solvent	Sima Thinner 44-00 only for cleaning tools		
Method of application	Thinner	Nozzle Orifice	Nozzle Pressure
	1. Roll	Not need to be used	-
	2. Air Spray	Not need to be used	-
	3. Brush	Not need to be used	-

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).

The information in this data sheet is to the best our knowledge connects at date printing. The company reserves the right to the modify data without notice. Any change in data will normally be followed by issued of new data sheet. The user should check the data of printing and if more than 12 months have elapsed, then the data should on only be used after checking with our nearest self-office to establish that they are still valid. Since condition of application and services may be beyond our control, no liability can accept on basis of this data.