

Product Data Sheet
SIMAFLOOR SL FINISH GLOSS 3402-00

Last Update: September 2021

Description Solvent - free, self levelling two pack epoxy polyamine finish

Principal Characteristic Good abrasion resistance
 Excellent impact resistance
 layer formed is flat, Tough, smooth non porous surfaces
 High gloss and easy to clean

RECOMMENDED USE Used as finish coat for concrete on the inside of building,
 pharmaceutical and other industries.
 Can be used as waterproofing on media horizontal

SPECIFICATION DATA AT 20°C

Gloss Gloss
 Colour Red, Green, Blue, and other limited colour
 Specific gravity 1.50 ± 0.15 kg / litre
 Solids by volume 98-100 %
 Recommended Dry film thickness : 500 microns
 Wet film thickness : 500 microns
 Coverage theoretical 2.0 m² / litre - for wft 500 microns
 Drying time Touch dry : 5 hours @ 30 °C
 Hard dry : 24 hours
 Full cure 7 days
 Painting interval Min : 6 hours
 Max : 7 days
 VOC 0 g/litre for Base, 26 g/litre for hardener
 Flash point (DIN 53213) Base 95° C and hardener 102° C
 Pot life 60 Minutes (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

Moisture content of concrete should be max. 4%.
 Dry and free from any contamination and sufficiently roughened if necessary

Application instruction Suitable Primer coat : SIMAFLOOR EP PRIMER

| 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 = 3 : 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).

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