

SOLVENT FREE EPOXY PRIMER

Description

KOSFLOR SF-P is a high performance two components solvent free epoxy primer / sealer.

Feature

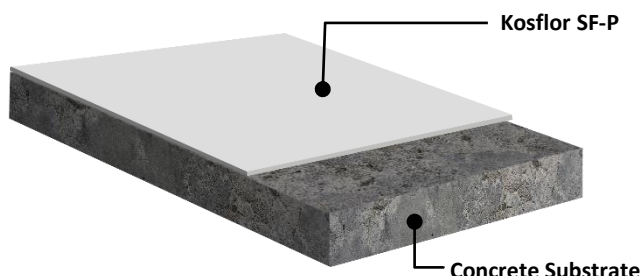
Low viscosity, 100% solids epoxy penetrating primer / sealer use in conjunction with other KOSFLOR system to provide a highly durable and protective coating system for the flooring. It widely used for application s in the industrial factories floor, car parts, laboratories floors, food and beverage processing facilities, electronic plants, pharmaceutical plants and power plants etc.

Benefits

- ❖ Excellent adhesion
- ❖ High levels of chemical resistance to fuels and lubricants
- ❖ Low odor during application
- ❖ Very good sealing properties
- ❖ Damp tolerant
- ❖ Compatible with wide range of topcoats

Colour & Texture

Clear – Glossy



Technical Data

Specific Gravity	: 1.09±0.2kg/L
Flash Point	: Above 65°C
Solid Content (mixed)	: 100% by Volume
Pot life (working time) 30°C	: 25min
Tough Dry 25°C	: 6 hours
Recoating time	: min. 16 hours at 25°C max 48 hours at 25°C
Full cure	: 5 days
Tensile Adhesion (Pull-out Strength)	: 2 N/mm ² failure in concrete (ASTM D4541)
Mixing ratio by weight	: Part A : Part B 69.50 : 30.50
Packaging	: 5L (A: 3.39L + B:1.61L) 20L (A: 13.55L + B: 6.45L)
Self life & storage (unopened and in good conditions temperature 10°C to 30°C)	: 12 months
Material consumption	: 10-12/m ² /L
Cleaning Thinner	: Thinner 6.03

Typical Coating System For Concrete

Coating Sequence	Product Name
Primer	KOSFLOR SF-P
Second Coat	KOSFLOR FC-150
Finishing Coat	KOSFLOR FC-150

Depending on the substrate condition, coating system and working conditions, few option of coating system are recommended, please consult our Technical Advisors for more detail.

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Substrate Requirement & Preparation

- Substrate concrete screed should a minimum of compressive strength 25N/mm² and adhesive pull-off strength of minimum 1.5N/mm² (concrete failure).
- New concrete floor should be a minimum of 28 days and must be dry to below a moisture content of 4%
- For adequate adhesion of coatings to concrete surface should be free of laitance. Oil, grease, dust, paint residues, algae, loose and friable material must be completely removed from all surface before application the product.
- Rough contaminations and high spots can be remove by grinding.
- Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and a achieved on open texture surface.
- Surface must be dry and free from any leakage source.
- All surface cracks, damage concrete surface must first be repair with KOSSAN epoxy repair compound.

Mixing

Pour total Part B in the Part A container and mix both liquid part thoroughly for one minute by using a suitable electrical stirrer (with 750 watt high power mixer) until a fully homogenous mix has been achieved.

Application

- Apply **KOSFLOR SF-P** can be use by suitable roller, brush or trowel and overwork with a roller.
- **KOSFLOR SF-P** should apply within the pot life times at 28°C
- Substrate temperature should not apply below 5°C and temperature above the dew point.

Cleaning of Tools

Clean all tools and application equipment with KOSFLOR washing thinner before the product hardens.

Maintenance and care after cure

Recommend basic cleaning and maintenance will prolong the life of epoxy floors, clean regularly using a single or double headed rotary scrubber drier in conjunction with alkaline detergent.

Further Information

Warning and precautions information relating to the safe handling of this product should be found in Material Safety Data Sheet. To be advise to put on suitable clothing and eye-ware for protection purpose. The application area/site must be in good ventilation otherwise advisable to use a portable exhaust fan.

Important Note

KOSSAN PAINT product are warranty against defective materials. Due to different substrate and working conditions, no guarantee of an application result or any liability claims. The users are required to have a test ahead based on their intended use.