

WATER BORNE EPOXY PRIMER

Description

KOSFLOR P-250 WB is a environmental friendly two components waterborne epoxy primer / sealer.

Feature

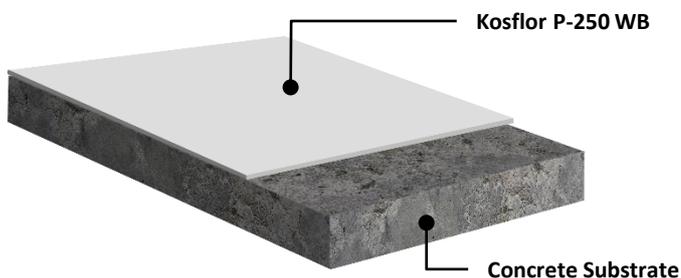
Excellent resistance to chemicals and water. It provides a good sealing film and promote good adhesion between new and hardened concrete substrate and subsequent epoxy and polyurethane flooring topcoats.

Benefits

- ❖ Extremely good adhesion on concrete surface and most substrate.
- ❖ Can be applied on damp and even wet surfaces, as long as there is no free water.
- ❖ Environmentally friendly due to the absence of solvents
- ❖ Solvent free, odor less.
- ❖ Easy to application.

Colour & Texture

Clear – Semi Gloss



Technical Data

Specific Gravity	: 1.02±0.2gm/ml
Viscosity (28%) (mixed)	: 85 ± 5 KU
Solid Content (mixed)	: 38±2% by Volume
Pot life (working time) 28°C	: 60 minutes
Touch Dry	: 2 hours
Full cure	: 5 days
Recoating time	: min. 14 hours at 28°C max 48 hours at 28°C
Bonding Strength	: >2Mpa (Concrete failure)
Abrasion Resistance CS-17	: less then 65mg weight loss after 1000 cycles of abrasion abrasion (ASTM D4060)
Mixing ratio by weight	: Part A : Part B 20 : 80
Packaging	: 5L (A: 0.88L + B: 4.12L) 18L (A: 3.16L + B:14.84L)
Self life & storage (unopened and in good conditions temperature 10°C to 30°C)	: 12 months
Material consumption	: 7.60 m ² /L at 50µm
Cleaning Thinner	: Clean water

Typical Coating System For Concrete

Coating Sequence	Product Name
Primer	KOSFLOR P-250 WB
Second Coat	KOSFLOR FC-260
Finishing Coat	KOSFLOR FC-260

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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).
- 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 form 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

Stir Part B mix for 30 second by using a suitable electrical stirrer (with 750 watt high power mixer). Then add all of Part A (Resin) and mix both liquid parts thoroughly for two minutes until it fully achieved a homogeneous.

Application

- Apply **KOSFLOR P-250 WB** can be use by suitable roller, brush or trowel and overwork with a roller.
- **KOSFLOR P-250 WB** should apply within the pot life time at 28°C
- Substrate temperature should not apply below 5°C and temperature above 40°C

Cleaning of Tools

Clean all tools and application equipment water immediately after use.

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 Date 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.