

#### Description

**KOSFLOR SL-261 WB** is a 2-components water based self-levelling epoxy resin floor finish applied at 1mm – 3mm. It makes industrial floors dust free, joint less, glossy finishing and available in a wide range of colour.

#### Feature

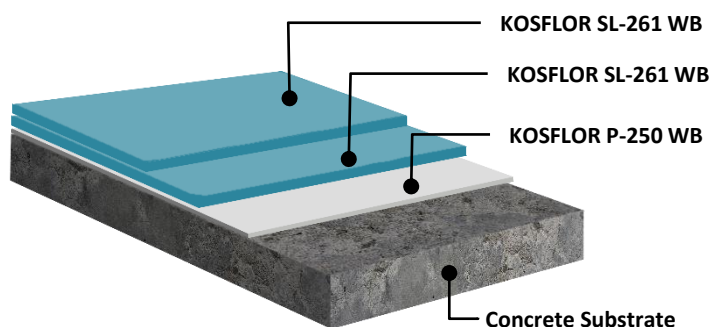
It provides a tough and smooth surface covering for industrial floors with good water, chemical and abrasion resistance like trolley, pallet truck and fork lift traffic. Areas applied include laboratories, electronic and clean room, automotive assembly, aircraft hangar, pharmaceutical, printing pulp paper mills, refineries and etc.

#### Benefits

- ❖ Less sensitive and tolerant with moisture during application.
- ❖ High chemical resistance to wide range of chemical
- ❖ Environmentally friendly, solvent free, low VOC and odorless
- ❖ Hygienic, easy to take care
- ❖ Extremely good adhesion on most concrete substrate.
- ❖ Self –leveling property provides dust free, seamless floor.
- ❖ Available in wide range of colour

#### Colour & Texture

Wide range of colour – Matt



#### Technical Data

|  |  |
|--|--|
| Specific Gravity   | : 1.85 - 1.95gm/cm <sup>3</sup>                                |
| Solid Content (mixed)  | : 61% (weight)<br>50%(Volume)                                  |
| Pot life (working time) 25°C   | : 1 hour   |
| Touch Dry  | : 2 hours  |
| Full cure  | : 5 days   |
| Recoating time   | : min. 16 hours at 25°C<br>max 48 hours at 25°C                |
| Abrasion Resistance CS-17  | : <65mg weight loss after 1000 cycles of abrasion (ASTM D4060) |
| Mixing ratio by weight   | : Part A : Part B<br>10 : 90                                   |
| Material coverage  | : approx. 4L / m <sup>2</sup> / 2mm                            |
| Packaging  | : 5L (A: 0.73L + B: 4.27L)<br>20 L(A: 2.93L + B: 17.07L)       |
| Self life & storage (unopened and in good conditions temperature 10°C to 30°C) | : 12 months  |
| Cleaning Thinner   | : Clean water  |

#### Typical Coating System For Concrete

| Coating Sequence | Product Name     |
|------------------|------------------|
| Primer           | KOSFLOR P-250 WB |
| Second Coat      | KOSFLOR SL-261   |
| Finishing Coat   | KOSFLOR SL-261   |

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.



High Performance Concrete Protection

## SL-261 WB

### WATERBASED SELF-LEVELING EPOXY FLOOR COATING



#### Substrate Requirement & Preparation

- Substrate concrete screed should have a minimum of compressive strength 25N/mm<sup>2</sup> and adhesive pull-off strength of minimum 1.5N/mm<sup>2</sup> (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 of the product.
- Rough contaminations and high spots can be removed by grinding.
- Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open texture surface.
- Surface must be dry and free from any leakage source.
- All surface cracks, damage concrete surface must first be repaired with KOSSAN epoxy repair compound.

#### Mixing

Stir Part A mix for 30 seconds by using suitable electrical stirrer (with 750 watt high power mixer), then add all of Part B (hardener) and mix both liquid parts thoroughly for one minute until fully achieved a homogeneous, then slowly add 5% - 10% of clean water while mixing continues for a further one minute 30 seconds until a fully homogeneous mix has been achieved.

#### Application

- Apply **KOSFLOR SL-261 WB** can be used by suitable roller, brush or spray
- **KOSFLOR SL-261 WB** should be applied within the pot life at 25°C
- Do not apply when the relative humidity exceeds 90% or when the surface to be coated is less than 5% above the dew point.
- Do not apply temperature below 5°C and temperature above 40°C

#### Cleaning of Tools

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

#### Chemical Resistance

Immersion in the following chemicals and have been found to be unaffected.

- Dilute Sodium Hydroxide
- Dilute Sulphuric Acid
- Oil and Grease
- Petrol & Lub Oil
- Dilute Acetic Acid
- Dilute Lactic Acid
- Dilute Ammonia Solution

#### 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 advised to put on suitable clothing and eye-wear 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.