

SELF LEVELLING UNDERLAYMENT SLU-227-35 1K WB

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SELF LEVELLING UNDERLAYMENT SLU-227-35 1K WB is a one component, polymer modified, pumpable self levelling high performance cementitious underlayment. It is for levelling and smoothing of interior floors prior to the application of the final floor finish such as ceramic tiles, carpets, parquet / wood flooring, vinyl, epoxy flooring etc. It provides :



1. Very good flow and fluid
2. Easy application (manually or by pump)
3. Medium to high mechanical strength
4. Capable of levelling surface from 5mm-20 mm

Specially designed for medium to high duty cementitious underlayment for industrial and commercial flooring.

PRODUCT SPECIFICATION

Type	: One component, polymer modified, cementitious underlayment
Color	: Light grey powder
Specific gravity (mixture)	: 1,50 gr/cc (dry) : 2.20 gr/cc (wet)
Dosage of water	: 4.0-4.5 lt / 20 kg bag
Material Consumption	: 2,00 kg-set/m ² per 1000 microns DFT (1 mm)
Layer Thickness	: Min 5 mm (10,00 kg-set/m ²) : Max 20 mm (40,00 kg-set/m ²)
Storage Stability	: One year in cool and dry storage and in original not opened bag. (avoid wet and humid condition)
Application method	: Tooth trowel and spiked roller
Re-coating interval (30°C)	: 24 hours
Application temperature	: 25 - 35°C
Humidity maximum	: 80 % RH
Provide adequate ventilation during application and drying	

TEST PERFORMANCE DATA

Item	Result	Standard Test
Compressive strength	: 30 N/mm ² in 7 days : 35 N/mm ² in 28 days	EN-13892 EN-13892
Bonding strength	: > 2.0 N/mm ² concrete failure	ASTM D-4541
Flexural strength	: 5.5 N/mm ²	EN-13892
Flow Test	: 120 mm	Internal
Pot life	: 15 minutes (30°C)	Internal

SURFACE PREPARATION

Compressive strength of concrete floor must be more than 25 N/mm² in more than 28 days. Moisture content should be less than 5% and the surface temperature must be at least 3°C above current dew temperature. Remove oil contaminants using industrial grade detergent or degreasing compound as chemical cleaning and mechanical cleaning. Primed with WBS-224-1K WB to seal the concrete porosity

Mixing

When mixing manually add the dry powder (20 kg) into a container with the clean water. The water required is 4-4.5 lt per 20 kg bag of powder. Mix thoroughly for a minimum of 2 minutes. Use an electric stirrer (< 500 rpm).

Curing

Protect the applied area from direct sunlight for at least 12 hours. Do not wet the surface until setting. Surface cracking may occur due to curing conditions, avoid over troweling, over watering and control joint configurations.

SAFETY PRECAUTION

This product does not contain aromatic solvent. It does not contain formaldehyde or heavy metals. Avoid contact with the skin and eyes. Wear suitable protective clothing such as working suit, goggles, masks, and safety gloves. Use barrier cream.

This product is non flammable.

For more information, please refer to our safety data sheet

FIRST AID:

- Eye contact : Rinse immediately with plenty of water for at least 15 minutes; seek medical advice.
- Skin contact : Wash with soap and water. If irritation occurs, seek medical advice.
- Ingestion : Provide symptomatic treatment and seek medical advice.
- Inhalation : Remove person to fresh air. Keep patient rested and give artificial respiration.