

## SELF LEVELLING UNDERLAYMENT SLU-227-25 1K WB

No. TD : S-027  
 Revision : 01  
 Effective Date : 11/09/2020

SELF LEVELLING UNDERLAYMENT SLU-227-25 1K WB is a one component, polymer modified, pumpable self levelling high performance cementitious underlayment 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, etc. It provides :



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

Specially designed for light to medium 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 <sup>2</sup> per 1000 microns DFT (1 mm)
Layer Thickness	: Min 5 mm (10,00 kg-set/m <sup>2</sup> ) : Max 20 mm (40,00 kg-set/m <sup>2</sup> )
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	: 20 N/mm <sup>2</sup> in 7 days : 25 N/mm <sup>2</sup> in 28 days	EN-13892 EN-13892
Bonding strength	: > 2.5 N/mm <sup>2</sup> concrete failure	ASTM D-4541
Flexural strength	: 5.5 N/mm <sup>2</sup>	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/mm<sup>2</sup> 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 trowelling, 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.

## SELF LEVELLING UNDERLAYMENT SLU-227-35 1K WB

No. TD : S-029  
Revision : 01  
Effective Date : 11/09/2020

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 <sup>2</sup> per 1000 microns DFT (1 mm)
Layer Thickness	: Min 5 mm (10,00 kg-set/m <sup>2</sup> ) : Max 20 mm (40,00 kg-set/m <sup>2</sup> )
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 <sup>2</sup> in 7 days	EN-13892
	: 35 N/mm <sup>2</sup> in 28 days	EN-13892
Bonding strength	: > 2.0 N/mm <sup>2</sup> concrete failure	ASTM D-4541
Flexural strength	: 5.5 N/mm <sup>2</sup>	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/mm<sup>2</sup> 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.

## SELF LEVELLING OVERLAYMENT SLO-228 1K WB

No. TD : S-023  
Revision : 00  
Effective Date : 15/10/2020

SELF LEVELLING OVERLAYMENT SLO-228 1K WB is a one component, polymer modified, fast setting, pumpable self levelling high performance cementitious overlayment. It is for levelling and smoothing of interior floors prior to the application of the final floor finish such as polished, ceramic tiles, carpets, parquet / wood flooring, vinyl, epoxy flooring etc. It provides :



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

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

### PRODUCT SPECIFICATION

Type	: One component, polymer modified, cementitious overlayment
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 <sup>2</sup> per 1000 microns DFT (1 mm)
Layer Thickness	: Min 5 mm (10,00 kg-set/m <sup>2</sup> ) : Max 20 mm (40,00 kg-set/m <sup>2</sup> )
Pot life	: 15 minutes
Setting time	: 60 minutes
Set foot traffic	: 3-4 hours
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 <sup>2</sup> in 7 days 35 N/mm <sup>2</sup> in 28 days	EN-13892 EN-13892
Bonding strength	: > 2.0 N/mm <sup>2</sup> concrete failure	ASTM D-4541
Abrasion Resistance	: Weight loss ± 80 mg/ 1000 cycle	
Flexural strength	: 5.5 N/mm <sup>2</sup>	EN-13892
Flow Test	: 120 mm	Internal

## SURFACE PREPARATION

Compressive strength of concrete floor must be more than 25 N/mm<sup>2</sup> 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.