

ShaliFloor® SL UL1 C

1K Cementitious Self Levelling Underlay



Description

ShaliFloor® SL UL 1 C is a single component cementitious self-levelling underlay for smoothing uneven concrete floor in a durable way. **ShaliFloor® SL UL 1 C** does not provide a wearing surface, but facilitates installation of resilient and rigid wooden / PVC / carpet / tile / marble floors.

Characteristics

Colour	Grey Powder	Recommended thickness range, mm	3 - 25
Density, gm/cc	1.95		
Compressive Strength MPa	12	Theoretical Coverage for 25 Kg bag *	Thickness
• 24 hr	18	• 4.0 m ²	3 mm
• 7 days	25	• 1.8 m ²	12 mm
• 28 days		• 0.61 m ²	25 mm
Setting Time, hr	3	Self-Levelling capacity, minute	20

* Depending upon surface condition.

Application

Underlay for wooden / PVC / Carpet / Tile / Marble floors.

Advantages

- Rapid installation for floor coverings.
- Excellent adhesion to base concrete.
- Thickness of application ranges from 6 mm to 25 mm.
- Chloride free constituents.
- Very low linear shrinkage.

Application Methodology

➤ Surface Preparation

- Prepare the surface by mechanical grinding or other suitable method.
- Remove dust, flakes, oil, grease or other loose foreign particles by sand blasting, iron brush or compressed air. Remove old painting using surface grinder.
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- For best bond, concrete surface must be slightly textured.
- Allow it to dry before priming.

➤ Material Preparation

- Mix 5.5 L of water in 25 Kg bag of **ShaliFloor® SL UL 1 C** by a slow speed mixture (approx. 400 rpm) fitted with a suitable mixing paddle to ensure a homogenous mix.

➤ Application of Material

- Prime concrete surface with ShaliSBR Latex and allow it to dry for 6 – 8 hrs till it is touch dry.
- Apply immediately on primed surface by brush or trowel.
- Ceramic tiling can be installed after 3-4 hrs of curing, whereas polymer coating needs 28 days cured. For covering with epoxy / PU, contact STP for suggestions

Health & Safety

- Use goggles and hand gloves during application
- Clean hands with water after application.

Packing

Available in 25 kg packing.

Storage

Keep in cool and dry place in air tight containers under shed away from heat.

Shelf Life

12 months in original unopened sealed condition.



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