

# ShaliFloor SL UL 1C

Single Component Cementitious Self Levelling Underlay



## Description

**ShaliFloor SL UL 1C** is a single component cementitious self-levelling underlay for smoothing uneven concrete floor in a durable way. **ShaliFloor SL UL 1C** 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		Theoretical Coverage for 25 Kg bag *	Thickness
• 24 hr	12	• 4.0 m <sup>2</sup>	3 mm
• 7 days	18	• 1.8 m <sup>2</sup>	12 mm
• 28 days	25	• 0.61 m <sup>2</sup>	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

- Ensure that concrete surface is sound, firm and 28 days cured with moisture content not exceeding 5%.
- Ensure that surface is sound and free from dust, laitance and other contaminants.
- Remove dust, flakes or other foreign particles by jet or dry air and clean the surface mechanically or by grinding to make it smooth before application.
- Prime surface with ShaliSBR Latex.
- Allow it to dry.
- Mix 5.5 L of water in 25 Kg bag of **ShaliFloor SL UL 1C** by using a drill mixer till the homogeneous mix is obtained.
- 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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