

SUPER LEVEL CB30

High Performance, Cementitious Self-Leveling Underlayment

Description

SUPER LEVEL CB30 is a self-smoothing cement-based floor underlayment, fast setting, specially designed for application over concrete floor as an underlayment for subsequent layer of floor coverings. It is composed of hydraulic cement, selected aggregates, chemical additives and special synthetic polymer. When mixed with water it forms a very fluid and flowing mixture, perfectly leveling, with easy application, and good adhesion to the support.

SUPER LEVEL CB30 may be applied manually or by using a mixing pump in thickness from 4mm to 30mm.

Features & Benefits

- Highly fluid and pumpable for fast installation.
- Excellent bonding properties
- Rapid strength gains for fast installation for floor finishing.
- Minimal shrinkage, cracks free
- Durable and easy to apply

Uses

SUPER LEVEL CB30 is used in internal areas to finish rough undulating floors, levelling up floors and refurbishing old floors before finishing with tiles, carpets, parquet, vinyl sheets, etc.

It is also suitable in medium to high load areas such as workshops, warehouses, industrial areas, etc.

SUPER LEVEL CB30 is designed for application thickness from 4mm to 30mm.

Technical Properties

Color	Cement Grey
Wet Density	2,000 Kg/m ³ approx.
Mixture working time	30 minutes @ 25 °C
Bonding Strength	≥1.2 N/mm ²
Compressive Strength	≥35 N/mm ²
Flexural Strength	7 N/mm ²
Drying Shrinkage	< 0.1%
Final setting time	4 hrs
Time for tile laying	48 hours

Layer thickness	4 – 30 mm
VOC	<1 g/L

All values are subject to 5-10% tolerance

Standards Compliance

- ASTM C 109 & C 580
- ASTM C 1042 & C 191
- EN 13813

Application Procedures

Surface preparation:

The surface should be sound, clean, free from loose material, grease, laitance, dirt, curing compound, etc.

The substrate must be primed using **ULTRABOND AR** at the rate of 5-6 m² / liter on very porous substrates if absorption is noted to be high, it may be necessary to apply a second coat of primer. The primer must completely seal the substrate, to prevent air release from forming bubbles and pinholes in the surface of **SUPER LEVEL CB30**.

Mixing Instructions:

For the preparation of mixture, pour into a container 5-5.25 Lt. of cool water (temp. does not exceed 25 °C) for 25 Kg bag of **SUPER LEVEL CB30**. Add the product to the water gradually with mixing using a low speed electric drill fitted with a suitable paddle, until a uniform, lump free consistency mix is achieved.

Mix a quantity of product that can be applied within 20 minutes only. Do not remix with water if the mixture had already begun to set.

Application Instructions:

While the mixture is ready and the primer surface is tack-free, pour the mixed product into the surface and spread to the desired thickness using notched trowel or suitable tools.

Protect the floor after leveling the mix from direct sunlight, high winds or rain

SUPER LEVEL CB30 can be applied for thickness from 4mm up to 30mm.

Immediately after placing the self-leveling material, roll the surface with a spiked roller to help to release any trapped air in the mix.

In normal conditions **SUPER LEVEL CB30** does not require curing. In case of high temperature, it is strongly recommended to cover the casted product with polythene sheet for 2 days.

It is possible to apply flooring material on top of **SUPER LEVEL CB30** (such as ceramic, carpet, etc.) after nearly 2-3 days from curing the product (depending on the thickness, the supports humidity and the weather conditions).

Coverage

2 kg per sq. meter in 1mm layer thickness.

Coverage depends on substrate porosity and profile.

Packaging

SUPER LEVEL CB30 is available in 25kg bags

Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers, the product will have a shelf life of at least 12 months.

Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.



SBI products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service. All SBI datasheets are updated on a regular basis. It is the user's responsibility to obtain the recent version.

REV 03-2011

SALES OFFICE : Jebel Ali, Industrial 1
FACTORY : RAK, Jazerat Al Hamra

Tel. +971 4 880 2131
Tel. +971 7 2210066
www.sbi-me.com , info@sbi-me.com

