

TRI- FLOOR SLC 200

Cementitious base underlayment Self-Levelling

Description

Tri-Floor SLC 200 is a two component Cementitious base Self-Levelling Under layment contain Special Binders, siliceous graded aggregates, mineral additives and admixtures. When mixed with its liquid, it produces a Highly Flow-able, cementitious mortar for the filling, levelling and smoothing of floors prior to the final finish also with vinyl, carpet, laminated floors or resinous coatings. Its very low shrinkage values which enables it to be used as a continuous self-levelling layer without any joints.

Uses

Tri-Floor SLC 200 used for smoothing and levelling concrete slabs and floors before Installing tiles or other floor systems not limited to the following:

- Vinyl, Carpet and laminated floors.
- Ceramic and natural stone.
- Terrazzo systems.
- Substrates with epoxy coatings.
- Under parquet

Advantages

- Easy to Apply.
- Producing Smooth surface.
- Low shrinkage reducing cracks existence.
- Highly Flow-able with maintained flow-ability during Application.
- D.F.T from 2 to10 mm.
- It has a de foamer, no longer air inside it.



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Technical Data @°25c

DISCRETIONS	VALUE
Color	Grey
package	20 Kg bag + 5 Kg Jerkin
Toxicity	Non-toxic
Processing Conditions	8 -35°C & 30-80% RH
Liquid/Powder ratio	5 kg / 20 kg bag
Workable time	20 - 35 min
Wet density	≈ 2.0 Kg/L
Adhesion to concrete substrate	> 1 N/mm ²
Compressive strength - kg / cm ²	> 200 @ 28 days
Consumption of rate	4 - 6 kg / m ² of 2 - 3 mm thickness

Derictions for use

Surface preparation

To achieve the maximum bond strength between the substrate and **Tri-Floor SLC 200** all substrates should be clean, and free from oils, dust, loose particles, grease or any other foreigner matter. The substrate must be rough, porous and load bearing. Any water leaks must be stopped and repaired.

Priming

The substrate must be primed using a suitable primer such as **Tri-Bond** for improved adhesion. In extreme cases of absorbent sub-floors, a second coat of primer is to be applied after the drying of the first coat.

Mixing

Add 5 kg of liquid to one **Tri-Floor SLC 200** 20 Kg bag.

For best results introduce half of the liquid then all the powder then the remaining Liquid quantity and continue mixing till homogeneity.

Mechanical mixing using a slow speed drill (300 - 600 rpm) is essential for a rapid and homogeneous mix.



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Application

Make sure that the primer is tacky.

Pour **Tri-Floor SLC 200** over the primed substrate & spread it using a suitable gauge rake to the desired thickness immediately after pouring.

Good raking is sufficient to push any entrapped air to the surface; however, a spiked roller can be used to speed up the air releasing procedure immediately after raking.

The whole process should be fast to avoid any roller markings on the surface.

Too much rolling & late rolling are the main reason for dotted matrix surface marks. Make sure to work in sections that can be finished within 20-30 min.

Tri-Floor SLC 200 must be protected for 24 hours against direct sun light, wind and high temperature.

Cleaning

Clean all equipments with water immediately after use. Hardened materials can be removed mechanically only.

Shelf Life

12 months in normal temperature and closed shaded dry area in undamaged Original packing

Storage

Should be stored at room temperature in dry warehouse.

Health and Safety

Contains cement powders ,which when mixed or become damp, Release alkalis which can be harmful to the skin.

During using, should avoid inhalation of dust and contact with skin and eyes.

Wear suitable protective clothing, gloves, eye protection and respiratory Protective equipment

In case of contact with skin, rinse with plenty of clean water then clean

With soap and water. In case of contact with eyes, rinse immediately

With plenty of clean water and seek medical advice.

If swallowed ,seek medical attention immediately

DO NOT INDUCE VOMITING.



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