

PRODUCT: **TECHFLOOR SL 200**

DESCRIPTION

Colored and decorative self-levelling mortar.

ENFORCEMENTS

Colored self-levelling mortar for repairing, levelling and decoration off floors in new constructions or restoration.

For floor requiring a great deal of planimetry.

Floor preparation and levelling off.

Light traffic and moderate to heavy.

Ideal to be coated with, epoxy and polyurethane coatings.

THICKNESS

Recommended from 5 to 15 mm.

APPLICATION RECOMMENDATIONS

Always respect the same water percentage during the mixing process.

Respect the minimum required thicknesses according to the different types of substrate.

Respect perimeter joint (min 5 mm), expansion and retraction by cutting or decorative joint max. (16-20 m²).

Do not add any additives to the mortar.

Application temperatures 5°C to 30°C.

OBSERVATIONS

The substrate must be solid and hard, dry and free from dust, splitting areas, paint, waxes and oils, oxides, remains of gypsum...

Don't apply on concrete cracked the fissures, degrade or risk of movement....

In all cases, over new or old concrete and compression > 25 N/mm², milling until appears the arid.

On weak cementitious basis without warranties, milling until the arid appears, aspirate, and reinforced with silicate hardener.

Avoid drafty application.

It is recommendable, applied before a quick primer.

On new concrete, it should be totally set, ≥ 28 days.

Respect expansion joints and construction joints by cutting or placing a profile (maximum cloths, 16-20 m²).

Avoid drafty during application and 72 hours after application.

HOW TO USE

By pumping: Percentage of water, between 18-20 %.

Hand mixing: 1 sack of **TECHFLOOR SL 200** with 4.5 to 5 liters of water, until a homogeneous lump free mass is obtained.

Use the spiked roller to get rid of the air trapped in the mass and get a better levelling off.

If it is necessary, after drying, sand down and vacuum the whole surface to get rid of possible grout and guarantee adhesion of the final coating.

COMMENTS

Do not apply on:

Outdoor floors.

Ambient humidity: >85%.

Floors with permanent moisture and subject to possible moisture rises.

On concrete degrade, fragile or unstable floors.

On floor heating (it must be off 24 hours earlier, and to launch, 48 hours after of carrying out the work).

On lime mortars base (calcium sulphate).

USE CHARACTERISTICS

Mixing time: 2-3 minutes

Rest time before applying: 2 minutes

Life of mass: 25-30 minutes

Initial set: 45 minutes

Touch dry: 4-5 hours

Traffic (pedestrian): > 8 hours

Time for sealing: > 7 days and < 4% humidity

Tiling, fitted carpet, parquet: < 4% humidity

Solvent based resins: < 4% humidity

*These times may vary considerably according to ambient temperature.

FEATURES

Mixing water (laboratory): **20%**

Resistance to bending (28 days): > 12,0 N/mm²

Resistance to compression (28 days): > 40 N/mm²

Wear in accordance with Böhme UNE-EN 13892-3: 17,9 cm³/50cm²

Wear in accordance with regulation UNE-EN 13748-1: < 20 mm

Adhesion on concrete: 1 N/mm²

Adhesion on ceramic support: 0,98 N/mm²

Impact resistance:

** Drop height: > 1500 mm

** Valor IR: IR= 14,7 N•m

Fire resistance: A1 euroclass

Designation: EN 13813: CT- C40- F10- A22

*These results are obtained from standard tests and may vary according to the on-site conditions.



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PACKING

25 kg paper sacks, anti-humidity.
1200 kg pallet (48 sacks)

COLORS

All colors on request.

CONSUMPTION

11 kg/m² and cm of thickness

PRESERVATION

6 months from the fabrication date, in the closed original package and sheltered from outdoor.