

Hammerfast SL-210

Technical data sheet

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Description

Cement based, F6-C25, polymer added, self-leveling, floor leveling screed that can be applied in 1-10 mm thickness.

Advantages

- Suitable for leveling deteriorations between 1-10 mm.
- Extremely high flowability.
- Does not shrink, crack and swell.
- Forms an extremely smooth surface by self-leveling. Suitable for medium and heavy traffic.
- High adhesion strength.
- Can be applied with pumping machine

Application areas

- Applied as a leveling screed prior to the final coating on interior of all buildings subject to medium and heavy traffic.
- Used to obtain a smooth surface before coating applications such as PVC, linoleum, carpet, laminate and laminated parquet, wood, ceramic rubber.
- Indoors; It can be applied on cement based screed, concrete flooring, prefabricated concrete surfaces..

Application limits

Mixing ratio	6-6,5 L water/25 kg powder (%24-26)
Application temperature	+5 °C / +30 °C
Self-Levelling time	20-30 minutes
Duration of opening to pedestrian traffic	4-6 hours
Time required for top coat finish	36-48 hours (For 3 mm thickness)
Application thickness	1-10 mm

*23 ± 2 °C temperature and 50 ± 5% relative humidity.

Surface preparation

- The substrate should be clean, dry, smooth and sound. Paint, plaster, concrete and adhesive residuals if any should be scraped.
- Sectional deteriorations if any should be repaired with Hammerfast RM-150.
- The substrate should be primed with Hammerfast Astar E thout diluting minimum 30 minutes before the application of Hammerfast SL-210.

Application

- Average 6,00-6,50 L clean water should be added to 25 kg bag Hammerfast SL-210. Hammerfast SL-210 premium should be mixed with low speed hand mixer until homogenous state is achieved.
- The prepared Hammerfast SL-210 is poured onto the ground, its thickness is adjusted with a steel trowel and passed through a spiked roller.

Technical specifications

Color and appearance	Gray fine powder
Class	CT
Sieve analysis (above 710 µm)	% 0
Bond strength	F6 "6 N/mm ² " (TS EN 13813)
Compressive strength	C25 "25 N/mm ² " (TS EN 13813)
Heat temperature	After last drying -5°C /+70°C

Consumption

1,5-1,7 kg/m²/mm.

Points of attention

- Do not add any additives not specified in the application instructions.
- The product should be used within the pot life after mixing.
- It is not applied on wet and humid surfaces.
- During application, the floor must be protected from wind and direct sunlight and frost.
- It is not applied on unstable and loose surfaces, roughening should be done on very smooth and bright surfaces.
- It is not applied in outdoor and industrial areas and it is not left as a topcoat.
- The application thickness should be determined by considering the characteristics such as roughness on the ground, porosity and level differences.
- The drying time of the product may vary seasonally. Therefore, Hammerfast SL-210 should be expected to dry completely.
- Apply at temperatures between +5 °C and +30 °C.

Safety Precautions

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Material Safety Data Sheet (MSDS) for further safety information.

Storage and shelf life

12 months from date of manufacture when stored unopened and undamaged in a dry, moisture-free environment, away from direct sunlight and temperature between +10 °C and +35 °C. Packages should be kept tightly closed when not in use. Packages should be protected against frost.

Packing

25 kg bag,
(1 Pallet = 60 bag = 1500 kg / Pallet sizes 80x120 cm, h=100 cm)

Cleaning of tools

After the application, wash all equipment used before drying with warm water.

Quality certificates

- TS EN 13813 (28.01.2004)
- ISO 9001:2015
- CE
- Bayındırlık Poz No: 04.379/D 04



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