

Hammerfast SL-270 Loft

Technical data sheet

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Description

Cement based, polymer modified, fast drying, self-leveling, natural concrete appearance, high strength floor leveling mortar.

Advantages

- Very high strength
- Universal leveling screed with wide usage area.
- Suitable for heavy traffic and heavy conditions.
- Perfect spread.
- Saves time with its fast drying feature.
- Used as natural looking concrete thanks to its color and pattern.
- Suitable for floor heating systems.

Application areas

Used in floor applications with natural concrete appearance in residential, commercial and industrial areas.

In addition, in residential, commercial and industrial areas, hospitals, heavy traffic areas, under epoxy applications, during the application of flooring elements such as PVC, linoleum, carpet, laminated parquet, laminate parquet, rubber, the removal and correction of concrete, screed, asphalt, anhydrite floors. A high strength fast drying universal leveling mortar known for use.

Application limits

Mixing ratio	6-6,5 L water/25 kg powder (%24-26)
Application temperature	+10 °C / +25 °C
Self-Levelling time	30-40 minutes*
Duration of opening to pedestrian traffic	3-4 hours*
Time required for top coat finish	24 hours*
Application thickness	1-10 mm (Without filler)

*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-270.

Application

- Avarage 6,50-7,00 L clean water should be added to 25 kg bag Hammerfast SL-270. Hammerfast SL-270 premium should be mixed with low speed hand mixer until homogenous state is achieved.
- The prepared Hammerfast SL-270 is poured onto the ground, its thickness is adjusted with a steel trowel and passed through a spiked roller. It should be sanded at least 48 hours after the application and a protective polish should be applied on it, and the floor should be opened to final use after 12 hours. In large areas, working joints should be opened in advance, and the joints should be filled with Hammerfast Polyurethane Sealant.

Technical specifications

Color and appearance	Gray fine powder
Class	CT
Sieve analysis (above 710 µm)	% 0
Bond strength	F7 "7N/mm ² " (TS EN 13813)
Compressive strength	C40 "40 N/mm ² " (TS EN 13813)
Heat temperature	After last drying -5°C /+70°C
Fire class	A1fl

Consumption

1,5 kg/m² (For 1 mm thickness)

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 +10 °C and +25 °C.
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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

Net 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



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