

Hammerfast SL-300

Technical data sheet

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Description

Hammerfast SL-300 is a special cement-based self-leveling mortar used under coating, for leveling and eliminating irregularities on surfaces such as rough and rough concrete screed in interior spaces; and for correcting the surface before adhering natural stones such as PVC, linoleum, solid, laminated and adhesive parquet, carpet, ceramic, marble and natural stone.

Advantages

- Very high strength,
- Thick can be applied (3-30 mm)
- Universal leveling screed with a wide usage area.
- Suitable for heavy traffic and heavy conditions.
- Excellent spread.
- Saves time with its fast drying feature.
- Suitable for underfloor heating systems.
- Used by polishing in applications where natural concrete appearance is desired.

Application areas

A high strength, fast drying universal leveling mortar used in residential, commercial and industrial areas, hospitals, areas with heavy traffic, under epoxy applications, during the application of flooring elements such as PVC, linoleum, carpet, laminate, laminate and adhesive parquet, rubber, to eliminate and correct the irregularities of concrete, screed, asphalt, anhydrite floors.

It is also used in natural concrete-looking floor applications in residential, commercial and industrial areas.

Application limits

Mixing ratio	With 24-26% water
Application temperature	+5 °C / +30 °C
Self-Levelling time	25-30 minutes
Duration of opening to pedestrian traffic	3-4 hours
Time required for top coat finish	48 hours
Application thickness	Max. 30 mm

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

Surface preparation

The surfaces must be solid, dry, clean and capable of withstanding the load. The surfaces to which Hammerfast SL-300 will be applied should be prepared beforehand with Hammerfast Primer E for absorbent surfaces, with Hammerfast EP-110 Epoxy primer if parquet is to be adhered (by sprinkling 0,3-0,8 mm sand on it), and with Hammerfast Primer PY for non-absorbent surfaces.

Application

- Hammerfast SL-300 leveling screed is mixed with 6.0-6.5 L clean water with a low-speed mixer until a homogeneous mixture is formed.
- The prepared liquid mortar should be poured onto the surface. The thickness of the self-leveling mortar should be adjusted with a steel trowel and the application should be terminated by passing over it with a spiked roller. Polish can be applied on the decorative screed 48 hours after the application. After 12 hours, the floor should be opened for final use. Working joints should be opened in large areas beforehand 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 "7 N/mm ² " (TS EN 13813)
Compressive strength	C35 "35 N/mm ² " (TS EN 13813)
Heat temperature	After last drying -5°C / +70°C

Consumption

1,6 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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