

Hammerfast SL-110

Technical data sheet

Date of issue : 20.02.2020

Revision no : 02

Description

Calcium sulphate based, F7-C25, self-leveling, high performance surface smoothing screed that can be applied in 2-20 mm thickness and without crack formation due to its low surface tension.

Advantages

- It is suitable for the fixation of disturbances of 1-20 mm.
- Does not shrink, crack and swell.
- It spreads automatically and forms a smooth surface.
- Suitable for medium to heavy traffic.
- High adhesion strength.
- Suitable for underfloor heating systems.

Usage areas

- All constructions are used as leveling screeds on the inner floors subject to medium and heavy traffic before final coating.
- PVC, linoleum, carpets, laminates and laminates are used to obtain a smooth surface underlayings such as parquet, wood, ceramic rubber.
- In the interior; Cement based screed, concrete slab, prefabricated concrete surfaces.

Application limits

Mixing ratio	5,2-5,6 L water /20 kg powder (%26-28)
Application temperature	+5 °C / +30 °C
Spontaneous spreading time	20-30 min.
Duration of opening to pedestrian traffic	3 hours
Time required for top coat finish	24-48 hours (For 3 mm thickness)
Application thickness	2-20 mm

Surface preparation

- The surface to be applied must be clean, dry and sound. If there is paint, gypsum, lime, concrete or adhesive residues on the floor, the floor should be scraped and cleaned. The floor must be free of dust and grease.
- Regional imperfections in the time zone should be remedied with the appropriate Hammerfast RM-150 Repair Mortars.
- The floor must be primed with Hammerfast Primer at least 30 minutes before application of Hammerfast SL-110 leveling slab.

Application

- 20 kg Hammerfast SL-110 Grinding screed is mixed with 4,8-5,2 L clean water with a low speed mixer until a homogeneous mixture is formed.
- The prepared Hammerfast SL-110 should be emptied to the surface. Scraped with trowel, the thickness of the spatter spreading from itself must be adjusted with steel trowel and must be passed over with a spiked roller.

Technical specifications

Color and appearance	Cream fine powder
Class	CT
Sieve analysis (above 710 µm)	% 0
Bending strength	F7 "7N/mm ² " (TS EN 13813)
Compressive strength	C25 "25N/mm ² " (TS EN 13813)
Heat resistance	After last drying -5°C /+70°C
Fire response class	A1

Consumption

1,5-1,7 kg/m² (For 1 mm thickness)

Important points

- Do not add any contribution not mentioned in the application instructions.
- The product should be used within the pot life after mixing.
- Not applicable on continuous wet and damp surfaces.
- During the application, the floor must be protected from wind and direct sun exposure and from freezing.
- Not applied to durable and loose grounds, very smooth and shiny surfaces should be roughened.
- Not applicable in outdoor and industrial areas and can not be left as a final coat.
- The application thickness should be determined taking into account such features as roughness, porosity and level differences on the ground.
- The drying time of the product may vary seasonally, so the applications to be done should be fully dry-laid on the Hammerfast SL-110.
- Application must be made at temperatures between +5 °C and +30 °C.

Security precautions

- Keep away from children.
- Should not be eaten and swallowed.
- Keep away from food stuffs.
- Do not breathe directly into your body.
- It may cause allergies.
- Wash with plenty of water and consult a doctor.
- It is recommended to wear gloves, goggles and protective clothing during work.

Storage and shelf life

Unopened original packaging, sunlight and protected from frost, Can be stored for 12 months at temperatures between + 10°C and 35°C.

Packing

20 kg four-story kraft bags were offered for sale.

(1 Pallet = 60 bags = 1200 kg / Pallet sizes 80x120 cm, h=100 cm)

Cleaning of tools

All appliances used should be cleaned with water immediately after application.

AYK Yapı Kimyasalları San. ve Tic. Ltd. Şti.

Orhaniye Mah. 2076. Sokak No: 4 Kahramankazan/Ankara

Tel : +90 312 815 48 15

Fax : +90 312 815 48 16

E-mail : info@ayk.com.tr

Web : www.ayk.com.tr

AYK Yapı Kim. Ltd. Şti. The product is not responsible for any application errors that may occur if the product does not comply with the above application instructions and conditions or is used for purposes other than its intended use, and reserves the right to make changes in the products in the direction of technological developments.