

ExperFloor SL 20

COLOR OPTIONS: Grey

25
±%2 KG



Floor Systems

105025

GÜVEN MADENCİLİK İNŞAAT SAN. ve TİC. A.Ş.

CEMENT BASED, SELF-LEVELING FLOOR LEVELING SCREED (1-20 MM)

Cement-based, self-leveling floor leveling screed that can be applied up to 20mm thickness.



SELF LEVELING



PROVIDES
SMOOTH SURFACE



APPLIED
BETWEEN
1-20 MM

TECHNICAL SPECIFICATIONS

Chemical Structure	Cement-based powder containing high alumina plasticizer additives
Powder Density	1,25 g/cm ³ (±0,1)
Mortar Density	2,00 g/cm ³ (±0,1)
Mixing Ratio	5,25-5,75 lt water / 25 kg powder
Mortar Usability Time	40 minutes
Walkability Time	24 hours
Film Forming Time	30 minutes
Compression Strength	≥4 N/mm ² 1 Day (EN 13892-2) ≥20 N/mm ² 28 Days (EN 13892-2)
Flexural Strength	≥2 N/mm ² 1 Day (EN 13892-2) ≥5 N/mm ² 28 Days (EN 13892-2)
Bond Strength	≥1 N/mm ²
Full Curing Time	28 days
Consumption	1.70-1.90 kg/m ² (for 1 mm application thickness)

* All technical values are calculated at +23°C and 50% relative humidity.
Changes in temperature and humidity change the technical values.

ADVANTAGES

- Easy to apply.
- Self-leveling and fast spreading.
- Provides a smooth surface.
- Does not crack or swell.
- Resistant to abrasion and dusting.
- Suitable for underfloor heating systems.
- Can be applied by machine.

APPLICATION AREAS

- Indoors and outdoors,
- In areas exposed to heavy pedestrian traffic such as residences, hospitals, educational buildings, shops,
- On floors with underfloor heating,
- Before floor coverings such as carpet, parquet, PVC, linoleum, ceramic, marble, granite, epoxy on cement-based screed surfaces, concrete slab surfaces, it is used to create a flat, shrinkage-free and high surface quality floor.

SURFACE AND APPLICATION CONDITIONS

- The floor concrete must be cured and the moisture content of the concrete must not exceed 4%.
- The air temperature should be between +5°C and +35°C during application.

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SURFACE PREPARATION

- The application surface must be dry. It should be cleaned from dust, dirt, paint, oil and similar substances that will reduce adherence. Air voids should be filled. Grease-soaked surfaces should be cleaned with chemical cleaning agents.
- Material such as mortar and cement residues should be scraped off.
- Repair of surface lines with a depth of more than 2 cm should be filled with repair mortar 24 hours before application.
- After surface preparation, the surface should be primed with ExperPrime AS 30 primer.
- Before application, areas such as wall edges and door fronts should be covered with profiles or tapes.

PREPARATION OF MIXTURE

- Using a scale, 5,25-5,75 liters of clean water is poured into a clean mixing container.
- ExperFloor SL 20 is slowly added into the water tank and mix with a low speed mixer for 3-5 minutes until a homogeneous and lump-free mixture is obtained.
- The mixture is left to rest for approximately 1-2 minutes and then it is mixed again for 30 seconds to make it ready for application.

APPLICATION DETAILS

- Depending on the ground and weather conditions; ExperFloor SL 20 can be applied at least 30 minutes after primer application.
- The prepared mortar with a runny consistency is poured onto the surface.
- If necessary, the thickness can be adjusted by making corrections with a notched trowel to facilitate the spreading process.
- After spreading the product on the surface, air bubbles in the product should be eliminated with the help of a spiked roller and spiked shoes.
- In applications made with a mixer pump, the width of the application area should not exceed 6 meters in order not to disturb the spread of the material together.
- Continuous application is required to prevent the formation of cold joints in large areas.

WARNINGS

- Do not apply in weather conditions below +5°C, above +30°C, in rainy and/or windy weather.
- Avoid application in areas that are frozen, at risk of freezing within 24 hours, in conditions that may prevent application or damage the surface after application.
- Dilatation joints, if any, must be observed in the application area.
- Profiles suitable for the thickness of the topcoat to be applied should be used.
- After the application, wait at least 3 days before the coating to be applied to the surface.
- Do not apply on wet surfaces exposed to moisture.
- In areas with underfloor heating, the heating system should be turned off 24 hours before the leveling screed application and turned on 72 hours after the application.

CONSUMPTION

- 1.70-1.90 kg/m² (for 1 mm application thickness)

EQUIPMENT CLEANING

- Equipment should be cleaned with solvent immediately after use. Cured material can only be removed by mechanical means.

STORAGE AND SHELF LIFE

- It should be stored in its unopened original package, in a closed, moisture-free, dry environment protected from frost. The products should not be overloaded in a way that would damage their packaging.
- Shelf life under proper storage conditions is 12 months from the date of manufacture.

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SAFETY PRECAUTIONS

During its use and storage, work clothes, protective gloves and masks should be used in accordance with the Occupational and Occupational Health rules. Eye, mouth and skin contact should be avoided, the contacted area should be washed with plenty of water.

In more dangerous situations or if the product is swallowed, a specialist should be consulted immediately. Food and beverages should not be brought into the application areas. It should be kept out of reach of children. For detailed information, the Safety Data Sheet (MSDS) should be consulted.

PRODUCT LIABILITY

Güven Madencilik İnş. San. ve Tic. A.Ş. is only responsible for the quality of EXPERAS branded products. All presented data have been created as a result of practical and scientific studies. The manufacturer cannot be held responsible except for the use of the right products in appropriate areas and conditions.

LEGAL NOTES

The information and usage recommendations regarding EXPERAS branded products are presented in good faith in the direction of technical knowledge and experience, provided that they are kept and intervened under normal conditions and in accordance with the recommendations. Along with the products, areas of use and surfaces can differ a lot. It is necessary to ensure that the right EXPERAS branded products are applied on the appropriate ground and conditions. In addition, all information and instructions given on commercial factors and technical compliance must be strictly followed. The manufacturer cannot be held responsible for any damage or problem that may occur if it is not complied with. The applier/user is responsible for making the relevant checks to ensure these details. The specifications of EXPERAS branded products can be changed when necessary. The property rights of third parties must be respected. When the purchase order is confirmed, all technical conditions in terms of sales and shipping are essential.

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