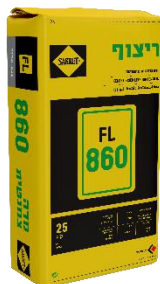




SAKRET FL 860

Cement-based Self-Leveling Compound



Classification

C30-F7

Color

Gray

Packaging and Weight

Bag, 25 kg

Number of Bags per Pallet

84



Standards and Certifications

Complies with Israeli Standard 5449 (substrate for flooring)

Complies with European Standard EN 13813

Property and main uses

- A base for installing ceramic, porcelain, and marble tiles.
- Underlayment for carpets, wood floors, and C.V.P.
- For use in public and industrial buildings, offices, hotels, and residential buildings.
- It sets quickly and can be walked on after about 4 hours.
- Suitable for systems with underfloor heating.
- Application thickness: 4-50 mm.
- For internal use only.
- Pre-mixed; requires only water for preparation.

Product Composition

Binders, graded aggregates, resins, and special additives

Typical Consumption

Approximately 17 kg/m² at a thickness of 10 mm. Consumption may vary depending on the substrate conditions and the application method.

Background and Substrate

Concrete, terrazzo flooring, porcelain tiles



Technical Data

Working time	About 30 minutes
Compressive Strength after 24 Hours	More than 15 MPa
Compressive Strength After 28 days in laboratory conditions	More than 30 MPa
Bending Strength after 28 days in laboratory conditions	More than 7.0 MPa
Tensile Adhesion Strength after 28 days in laboratory conditions	More than 1.5 MPa
Can be stepped on	After about 4 hours
Suitable for covering (flooring)	
Up to 20 mm thick	After 24 hours
Thicker than 20 mm	After 48 hours

*Data refers to laboratory conditions at 23°C ± 2°C and relative humidity of 50% ± 5%.

Application

Preparations

- Before beginning work with "SAKRET FL 860," close any openings to prevent damage from weather conditions such as strong winds and sunlight.
 - Before application, clean the substrate to remove dust, salts, oil, and any other substances that could cause the application to fail.
 - Sponge strips should be placed around the perimeter of the room up to the required height.
 - Apply "SAKRET PR 004" primer to a concrete substrate, or "SAKRET PR 005" primer to a terrazzo or porcelain tile substrate, at a rate of 150–200 g/m².
 - Allow the primer to dry for about 1–2 hours, depending on weather conditions (and no later than 24 hours), before application.
- "SAKRET FL 860".

Mixture preparation

- Pour approximately 5.5 liters of clean water into a suitable container that is free of any material residue, depending on the type and speed electric mixer.
- Gradually add the entire contents of the bag and mix until a smooth, fine, lump-free paste is obtained.
- After waiting for about 5 minutes, mix again briefly.
- At this stage, the material is ready for use.

Despite the values above, water quantity may vary. In any case, ensure the pot life level is appropriate for the product.

It is recommended to consult with the technical department.

Application

- Pour the material and spread it using a squeegee or other suitable tool.
- The material must be shaken using appropriate tools to remove air bubbles and level it.



- The work must be performed in the designated area in a single layer until the required height is reached.
- When installing over large areas or between rooms, expansion joints must be created and filled with a flexible material such as "SAKRETSE963" (flexible silicone sealant).
- Application thickness: 10–80 mm.

General Instructions

- Store the product in a shaded, well-ventilated area.
- The material is suitable for use up to 9 months from the production date, provided it is stored in its original packaging under recommended conditions.
- Storage alongside gypsum-containing materials/products is strictly prohibited.
- Permitted application temperature range: 5°C – 35°C.
- Before laying the flooring or installing the covering, remove any dust and/or dirt from the subfloor.
- "SAKRETFL 860" is not suitable as a final coat without a topcoat.
- Proceed to the next step in the flooring process:
 - -Up to 20 mm thick, the day after application is complete
 - -For thicknesses over 20 mm, 48 hours after application is complete
- Working time may vary depending on environmental conditions at the time of application.
- Do not apply under extreme weather conditions (heatwaves, rain, strong winds).
- This product must not be used in combination with gypsum-based products without consulting the company's representative.
- Dried mixture must not be reused.
- All work must be carried out in accordance with applicable standards.
- Before performing the work, contact the company's representatives for guidelines and a technical data sheet.
- Since the material is alkaline, proper protection for skin and eyes is required. In case of contact, rinse immediately with running water.

Warning

It is strictly prohibited to touch and/or add other materials, including gypsum and/or gypsum-containing products, to this product.

Warranty

The company's warranty is limited to the integrity and quality of materials only and does not replace the worker's responsibility. The worker must check the product and system's suitability for their needs, compatibility with other materials, and proper execution of the work. We reserve the right to update or change the data and recommendations without advance notice. The worker is responsible for checking the latest updates.

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