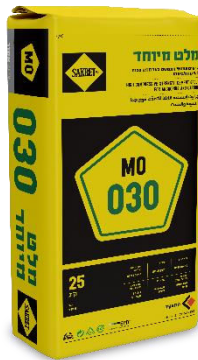




SAKRET MO 030

High-Strength Expanding Cementitious Grout for Anchoring and Foundation



Color

Gray

Packaging and Weight

Bag, 25 kg

Number of Sacks per Pallet

84



Standards and Certifications

Tested according to EN 196-1.

Green Label certified.

Product has undergone Life Cycle Analysis (LCA).

It holds a verified Environmental Product Declaration (EPD).

Main Properties and Uses

- Anchoring for columns, walls, rails, machines, beams, and various metal structures.
- Filling layer and completing concrete castings.
- High initial strength.
- Expands without shrinking.
- Swells without settling.
- Protects against corrosion.
- Suitable for indoor and outdoor use.
- Application thickness: 10–80 mm.

Material Composition

Cement, graded aggregates, resins, and special additives.





Typical Consumption

Approximately 2 kg/m² at 1 mm thickness. Consumption may vary depending on substrate conditions and application method.

Technical Data

Workability Time	About 30 minutes
Volume Change	0-1%
Flowability (Cone Test)	800-900 mm
Chloride content	Less than 0.1%
Maximum Aggregate Size.	1.4 mm
Tensile Adhesion Strength after 28 Days	Greater than 2 MPa
Flexural Strength after 28 Days	Greater than 8 MPa

Compressive Strength:

After one day	Greater than 25 MPa
After 3 days	Greater than 45 MPa
After 7 days	Greater than 60 MPa
After 28 days	Greater than 80 MPa

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

Application Method

Preparing the Mixture

- Pour 4.0-4.5 liters of clean water into a suitable and clean container, free of material residues, according to the type and speed of the electric mixer. Adjust fluidity based on the intended use.
- Gradually add the entire contents of the sack and mix for at least 5 minutes until a uniform, fine, lump-free paste is achieved.
- At this stage, the material is ready for use.

Execution Method

- Clean the substrate using high-pressure water spraying or another suitable method.
- The substrate must be strong, stable, and free of loose parts, oil, paint residues, or any other factors that may cause execution failure.
- Before applying SAKRET MO 030, moisten the substrate.
- Pour the mixture around the element that requires anchoring.
- Application thickness: 10-80 mm.

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

It is recommended to consult with the technical department.



General Guidelines

- 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.
- 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.
- Dried mixture must not be reused.
- Do not apply under extreme climatic conditions (dry heatwave, rain, winds)
- Workability time may vary depending on environmental conditions at the time of application.
- This product must not be applied in systems containing gypsum-based materials without prior consultation with company representatives.

Warning

It is strictly prohibited to 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.

Translation Disclaimer

This product information has been translated from Hebrew to English for convenience only. In case of any discrepancy between the English translation and the original Hebrew language, the Hebrew version shall prevail. Therefore, we recommend relying solely on the information written in Hebrew! Furthermore, before using any product, you should consult the technical department for prior advice and support during use. The company accepts no responsibility for any damage or loss resulting from failure to comply with these instructions.

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