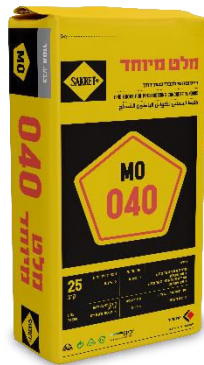




SAKRET MO 040

Cement Grout for Prestressed Tendons



Color

Gray

Packaging and Weight

Bag, 25 kg

Number of Sacks per Pallet

60



Standards and Certifications

Complies with Israeli Standard 466 Part 3 for prestressed concrete, and EN 934 Parts 1, 2, and 4 requirements.

Green Label certified.

Product has undergone Life Cycle Analysis (LCA).

It holds a verified Environmental Product Declaration (EPD).

Main Properties and Uses

- Filling vertical and horizontal cable ducts.
- Sealing voids and/or gaps in prestressed concrete components.
- Suitable for tunnels and bridges.
- Expands without shrinking.
- Fine mixture without aggregates.
- Pre-mixed formulation, requires only the addition of water

Material Composition

Cement, resins, and special additives.

Typical Consumption

About 15 liters per sack. Consumption may vary depending on substrate conditions and application method.



Technical Data

Workability Time	More than 30 minutes
Water Bleeding	Less than 0.3%
Volume Change	0-5%
Initial Flowability After Mixing	Less than 25 seconds
Flowability After 30 Minutes	Less than 25 seconds
Flexural Strength After 28 Days	Greater than 5 MPa

Compressive Strength:

After 3 days	Greater than 30 MPa
After 7 days	Greater than 40 MPa
After 28 days	Greater than 50 MPa

*Data refers to laboratory conditions at $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$ and $50\% \pm 5\%$ relative humidity

Preparing the Mixture

- Pour approximately 7.0-10.0 liters of clean water into a suitable and clean container, free of material residues, according to the type and speed of the 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.

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 6 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: $5^{\circ}\text{C} - 35^{\circ}\text{C}$.
- Do not apply under extreme climatic conditions (heatwave, rain, winds)
- 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.
- 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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