

TERMOKIR PL 120

Concrete B-30 for various works



Color

Gray

Packaging and Weight

Bag, 25 kg

Number of Bags per Pallet

80 units



Standards and Certifications

Complies with the requirements of Israeli Standard 118 for concrete.

Work must be performed according to Israeli Standard 466 for concrete.

Work must be performed according to Israeli Standard 26 for concrete.

Property and main uses

- For concreting and filling electrical and plumbing conduits.
- For filling, concreting, and repairing walls.
- For completing the casting of development walls.
- For casting concrete beams, coved transitions (rolkot), and various slopes.
- Filler material for the "wet fixation in construction" method.
- Can be removed from molds and walked on after 24 hours.
- For internal and external application
- Mixture ready to use with water addition only.

Product Composition

Cement, graded aggregates, resins, and special additives.

Typical Consumption

Approximately 12.5 liters/bag. The yield may vary depending on substrate conditions and application method.

Technical Data

| | |
|-------------------------------------------------------------|------------------|
| Working time | About an hour |
| Compressive Strength after 28 days in laboratory conditions | More than 30 MPa |

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

Application

Casting molds and/or work areas must be clean, free of dust, oil, salts, and any other factors that may cause execution failure. Before starting work, lightly moisten the designated casting area.

Mixture preparation

- Pour 2.5–3.0 liters of clean water into a suitable and clean container, free of material residues, according to the type and speed of the electric mixer.
- Gradually add the entire contents of the bag and mix until a smooth, fine, lump-free paste is obtained.
- At this stage, the material is ready for use.

Below are slump grades according to water quantity:

| Water Quantity | Slump Grade | Slump |
|----------------|-------------|------------|
| ~2.5 liters | S2 | 41–65 mm |
| ~2.5 liters | S4 | 91–115 mm |
| ~3.0 liters | S6 | 141–165 mm |

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.

Method of application

- Pour the prepared mix into the casting molds. It is recommended to vibrate the mix immediately after casting.
- When casting new concrete onto existing concrete, lightly moisten the existing concrete.
- To improve adhesion between new and existing concrete, apply a primer of type "SAKRET PR 007", and pour before it dries "Termokir MO 011" ("wet on wet").
- Install steel dowels according to the designer's requirements.
- Remove molds at least 24 hours after the end of casting work.

Note

When using the product as a filler material in the "wet fixation in construction" method, prepare it at slump grade S6.

Curing

Start curing the day after completion. Moisten the layer with water for three consecutive days, twice daily. In areas with rapid drying, begin curing on the same day as application.

General instructions

- 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°C - 35°C.
- Working time duration may vary depending on environmental conditions during 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.
- Proceed to the next stage only after seven days have elapsed since curing completion.
- Ensure compliance with relevant standards.
- Before starting work, consult company representatives for guidelines and technical specifications.
- 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 liability is limited to the quality and integrity of the 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.

Updated: 11.2025

