

## TERMOKIR PL 185

### Smoothing layer for internal and external works



Color

White

Packaging and Weight

Bag, 25 kg

Number of Bags per Pallet

60 units



### Standards and Certifications

Meets the requirements of Israeli Standard 1920 for cement plaster

Suitable for the requirements of Israeli Standard 1414 for thermal plaster systems and Israeli Standard 5075 for safe rooms.

Green Label certified

The product has undergone Life Cycle Analysis (LCA).

It holds a verified Environmental Product Declaration (EPD).

### Property and main uses

- Fine smoothing layer, 1-3 mm thickness.
- Smooths concrete walls, concrete blocks, and pumice blocks.
- Used as a finishing layer for plaster.
- Serves as a fine preparation layer for paint.
- Suitable for interior walls in safe rooms (shelters).
- Designed for both interior and exterior use.
- Mixture ready to use, just add water.

### Material Composition

Cement, graded aggregates, resins, and special additives.

### Typical Consumption

Approximately 1.2 kg/m<sup>2</sup> at 1 mm thickness (consumption may vary depending on substrate conditions and application method).

## Background and Substrate

- Plaster, concrete, concrete blocks, pumice blocks.
- One day before application: Wash the surface with water to remove dust, salts, oils, or any factors that may cause an execution failure.

## Technical Data

|   |  |
|---|--|
| Workability Time                        | Approximately 1 hour                   |
| Capillary Absorption Coefficient        | $K < 1.0 \text{ Kg/m}^2\text{h}^{0.5}$ |
| Tensile Adhesion Strength after 28 Days | More than 0.3 MPa                      |
| Compressive Strength after 28 Days      | More than 2.0 MPa                      |

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

## Application

### Mixture preparation

- Pour approximately 10.0 liters of clean water into a suitable container that is free of any 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.
- After waiting for about 5 minutes, mix again briefly.
- At this stage, the material is ready for use.

Although the above instructions specify a set amount of water, the 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.

### Method of application

- Apply a thin, compacted layer to the substrate using a smooth trowel, at the required thickness to cover the surface. After full drying, apply an additional layer and smooth using a damp sponge and smooth trowel.
- Total application thickness: 1-3 mm.

## Curing

Begin curing the day after completion by wetting the layer with water for 3 consecutive days, 3 times per day. In areas where drying is rapid, curing should begin on the day of application.

## **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
- It is recommended to apply a high-quality paint layer according to the manufacturer's instructions after completion of work.
- This product must not be applied in systems containing gypsum-based materials without prior consultation with company representatives.
- Workability time may vary depending on environmental conditions at the time of application.
- Do not apply under extreme weather conditions (heatwaves, rain, strong winds).
- Dried mixture must not be reused.
- Ensure compliance with relevant standards.
- Before starting work, a company representative must be consulted for on-site guidance.
- Since the material is alkaline, proper protection for skin and eyes is required. In case of contact, immediately rinse 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 quality of materials only and does not replace the worker's responsibility. The worker must verify the product and system's suitability for their needs, its compatibility with other materials it comes into contact with, and proper execution. The company reserves the right to update or modify data and recommendations without prior notice, and 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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