

## TERMOKIR MO 020

### Mortar for wall stone cladding



#### Color

Natural white / Gray / Kurkar

#### Packaging and Weight

Bag, 25 kg

#### Number of Bags per Pallet

84 units



**EPD®**

THE INTERNATIONAL EPD® SYSTEM



### Standards and Certifications

Complies with the requirements of Israeli Standard 1661 for joint filling materials, Israeli Standard 2378, Part 2 and Part 6, for cladding.

Green Label certified.

The product has undergone Life Cycle Analysis (LCA).

It holds a verified Environmental Product Declaration (EPD).

### Property and main uses

- For cladding walls with natural and artificial stone using the "wet fixation" assembly method.
- For creating coved transitions ("rolkot") and concreting pipes before waterproofing concrete floors.
- For cladding walls with natural stone using the "double-wall" method
- For constructing walls with concrete block, aerated concrete block, and pumice block.
- For performing minor concrete repairs.
- Used for joint filling (grout, type CG2W).
- 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 15 kg/m<sup>2</sup> at 10 mm thickness. Yield may vary depending on substrate conditions and application method.

## Technical Data

Working time	About an hour
Tensile adhesive strength after 28 days in laboratory conditions	More than 1.0 MPa
Compressive Strength after 28 days in laboratory conditions	More than 20.0 MPa

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

## Application

Stones designated for construction/cladding must be dry, clean, and free of dust, salts, and any other factors that may cause execution failure.

### **Mixture preparation**

- Pour approximately 5.0 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.

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**

#### **Cladding using the "wet fixation assembly" method:**

- Apply the material to the substrate and mesh in the required quantity.
- Apply a thin layer to the back of the stone.
- Install the stone onto the mesh and material, press firmly, and secure using hooks and a rubber hammer until the required thickness is achieved.
- Application thickness: 15–50 mm.

#### **Cladding using the "double-wall" method:**

- Apply the material to the upper edge of the stone in the required quantity.
- Install the next stone and press firmly using a rubber hammer until the required thickness is achieved.
- Application thickness: 5–15 mm.

\*For use as grout for joint filling: Application thickness 5–25 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.
- Working time may vary depending on environmental conditions at the time of application.
- This product must not be used in combination with gypsum-based products without consulting the company's representative.
- Do not clad/build with tiles that do not meet the requirements of the relevant standards.
- 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, 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.

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