

## TERMOKIR JF 920

Joint filling material for tile joints



Type	CG2W
Color	According to Termokir's color chart
Packaging and Weight	Bag, 25 kg
Number of Bags per Pallet	84



### Standards and Certifications

Complies with the requirements of Israeli Standard 1661.

Work must comply with the requirements of Israeli Standard 1555 for cladding and flooring, Standard 2378 for natural stone, and Standard 1872 for artificial stone.

Green Label certified.

The product has undergone Life Cycle Analysis (LCA).

It holds a verified Environmental Product Declaration (EPD).

### Properties and Main Uses

- For filling tile joints in walls and floors.
- Especially suitable for marble and stone panels.
- Joint width: 5–25 mm.
- For internal and external applications.
- Mixture ready to use, just add water.
- Especially suitable for the Israeli climate.

### Material Composition

Cement, graded aggregates, resins, and special additives.

### Typical Consumption

The consumption of Termokir JF 920 varies according to the tile dimensions and joint width.

See table below:

Joint Width (mm)	Tile Size (cm)				
	20X20	30X30	40X40	60X30	60X60
10	1.50	1.00	0.75	0.75	0.50
15	2.25	1.50	1.13	1.13	0.75
20	3.00	2.00	1.50	1.50	1.00
25	3.75	2.50	1.88	1.88	1.25

\*Reference table for estimating required quantity, kg/m<sup>2</sup>

- Table data refers to 10 mm joint depth.
- Actual consumption may vary depending on joint width, depth, and the specific application.

### **Background and Substrate**

- The designated substrate must be dry, clean, and free of any substances that could compromise the application.
- Before joint filling, thoroughly clean the face and edges of the tiles.

Apply Termokir JF 920 only after 7 days have passed since the completion of the cladding installation.

### **Technical Data**

Workability Time	About an hour
Tensile Adhesion Strength after 28 Days	More than 0.5 MPa
Compressive Strength after 28 Days	More than 15 MPa
Water Absorption After 30 Minutes	Less than 2 grams
Water Absorption After 4 Hours	Less than 5 grams

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

### **Application Method**

#### **Mixture preparation**

- Pour 5.0–5.5 liters of clean water into a suitable container 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 workability level is appropriate for the product.

It is recommended to consult with the technical department.

### Method of application

- Fill the joints using a “joint trowel” or other suitable tool, and remove excess material from the surface while still fresh.
- Clean the surface with a dry sponge approximately one hour after the material has dried.
- To avoid color variations, apply grout from the same production batch continuously over the entire surface.

### Curing

Begin curing the day after completion of the work, by moistening the layer with water for 3 consecutive days, 3 times a day. 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 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.
- This product must not be used in combination with gypsum-based products without consulting the company's representative.
- Dried mixture must not be reused.
- Workability time may vary depending on environmental conditions at the time of application.
- Do not apply under extreme weather conditions (heatwaves, rain, strong winds).
- Surfaces treated with “Termokir JF 920” must not be washed or exposed to rain for at least 24 hours after application.
- Before application, a small test area should be applied to assess suitability and desired color.
- 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.

**Warning**

It is strictly prohibited to add other materials, including gypsum and/or gypsum-containing products, to this product.

**Warranty**

The company's responsibility is limited to the standard and quality of materials only and does not supersede 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. 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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