

TERMOKIR SE 980 (Elastoseal)

One-component flexible cementitious waterproofing



Type
CMP
Color
White/Gray
Packaging and Weight
Bag, 25 kg
Number of Bags per Pallet

60



Standards and Certifications

Complies with Israeli Standard 6422 for waterproofing materials.

Meets the requirements of Israeli Standard 26 Part 5 for concrete and IDF 390 for water pressure resistance.

Israeli Standard 5452 for drinking water reservoirs.

Green Label certified.

The product has undergone Life Cycle Analysis (LCA).

It holds a verified Environmental Product Declaration (EPD).

Properties and main uses

- For waterproofing walls and floors in wet rooms, balconies
- For drinking water reservoirs, swimming pools, and various water tanks
- For waterproofing foundations above and below ground
- For waterproofing stone-clad walls using wet or dry anchoring methods
- For positive and negative waterproofing
- High flexibility
- Suitable for indoor and outdoor use
- Pre-mixed formulation, requires only the addition of water

Material Composition

Resins, cement, graded aggregates, special resins and additives.



a diamond mark company

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Typical Consumption

Approx. 2 kg/m² in two full layers. Consumption may vary depending on substrate conditions and application method.

Background and Substrate

- Plaster, concrete, concrete block, aerated concrete, cement boards, gypsum boards, wood panels
- The day before application, wash the substrate using high-pressure water to remove dust, salts, oil, and any other factors that may cause execution failure.

Technical Data

Workability Time	About an hour
Capillary Absorption Coefficient	K<0.1 Kg/m ² h ^{0.5}
Water pressure resistance:	
Under 1.5 atm positive pressure for 7 days	No water passed through.
Under 1.5 atm negative pressure for 24 hours	No water passed through.
Tensile Adhesion Strength	
After 28 Days (Lab Conditions)	More than 1.5 MPa
After 14 Days (Lab Conditions) + 14 Days heat ageing in oven	More than 1.5 MPa
After 7 Days (Lab Conditions) + 21 Days water immersion	More than 1.0 MPa
After 28 days (lab) + 7 days lime water immersion	More than 0.5 MPa
After 28 days (lab) + 7 days chlorinated water immersion	More than 0.5 MPa

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

Application

Mixture preparation

- Pour approximately 8 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 sack 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.



Application Method

- Apply a thin, even coat to a damp substrate using a stiff-bristled brush, ensuring full surface coverage. Ensure full coverage of the surface.
- Allow to dry completely (minimum 3 hours), before applying a second coat.
- Lightly dampen the substrate before applying each additional layer. Total thickness of two layers: approx. 1.5 mm.
- For water reservoirs, apply three full coats (approx. 2.5–3 kg/m²).
- The product also be applied via a proper spray machine. Ensure two full coats with the recommended waiting period between layers mentioned above.
- Next system layer should be applied the day after Elastosil application, and no later than 72 hours.

Curing

It is recommended to apply the next layer in the system the day after completing the Elastosil application, and up to one week at the latest. If the next layer is not applied within 24 hours, curing must begin the day after the material's application—three times a day, for three consecutive days. In areas with rapid drying, begin curing on the same day as application.

“Flood” Testing

- It is recommended to perform a flood test before proceeding with the next stages of the system.
- The test should be carried out no earlier than 7 days after completion of the work.

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 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, winds).
- Dried mixture must not be reused.
- Ensure compliance with relevant standards.
- Before starting work, the company's representative must be summoned for on-site guidance.
- 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 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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