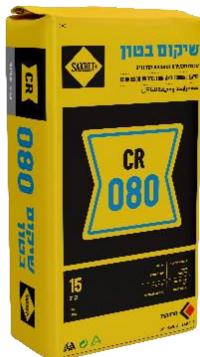




SAKRET CR 080

Bonding layer and corrosion inhibitor



Color

Gray

Packaging and Weight

Bag, 15 kg

Number of Sacks per Pallet

100



Standards and Certifications

Complies with the requirements of EN 1504 for products and systems for concrete repair.

Complies with the requirements of Israeli Standard 118 for concrete.

Work must comply with the guidelines of Israeli Standard 1877.

Green Label certified.

Properties and Main Uses

- For the protection of steel reinforcement bars in a concrete rehabilitation system.
- Primer layer in a concrete repair system.
- For application in structures designated for repair.
- Suitable for walls, floors, and ceilings.
- Excellent adhesion to concrete and steel.
- Highly resistant in marine environments.
- Inhibits Corrosion.
- Fast-drying.
- For both interior and exterior use.
- Ready-mix, requires only the addition of water.

Material Composition

Cement, graded aggregates, inhibitor (corrosion inhibitor), resins, and special additives.

Typical Consumption

Approximately 1.15 kg/m². Consumption may vary depending on substrate conditions and application method.



Technical Data

| | |
|---|--------------------|
| Workability Time | About 30 minutes |
| Tensile Adhesion Strength after 28 Days | More than 2.0 MPa |
| Compressive Strength after 28 Days | More than 2.45 MPa |
| Chloride content | Less than 0.1% |

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

Application Method

Preparations

- Ensure that the background in the treatment area (the concrete) has a minimum tensile strength of 1.5 MPa.
- Before applying "SAKRET CR 080", thoroughly clean the designated work area, removing dust, loose particles, and any other elements that may cause execution failure.

Preparing the Material

- Pour 4.5–5.0 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.

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.

Execution Method

- Apply "SAKRET CR 080" using a brush to the entire circumference of the reinforcement bars, ensuring full coverage. Minimum thickness to be applied 2 mm.
- After approximately half an hour, apply an additional layer to the entire circumference of the reinforcement bars and the concrete in the treated area, ensuring full coverage.

Note

The second layer of "SAKRET CR 080" serves as the primer layer for the next stage in the concrete repair system. Approximately 15 minutes after its application, the treated area should be filled above it with "SAKRET CR 082" or "SAKRET CR 085" material. (Depending on the required strength.)



General Guidelines

- 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.
 - For application in structures suitable for concrete rehabilitation.
- "SAKRET CR 080" is the first layer in the system, which includes the products "SAKRET CR 082" or "SAKRET CR 085" and "SAKRET CR 088".
- Work must be executed in accordance with the Termokir specification for the concrete rehabilitation system.
 - 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 the work, a company representative must be called to the site to provide on-site instructions.
 - 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 operator's responsibility. The operator must check that the product and system suit his needs, is compatible with other products that the product comes into contact with and is suitable for adequate performance of the work. We reserve the right to update or change the data and recommendations without advance notice. The operator is responsibility for reading 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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