TECHNICAL DATA SHEET

THERMOCEM® TC02

Description

ThermoCem® TC02 is a hydraulically-setting, thermally-optimised dry mortar with increased chemical resistance, developed specially for embedding geothermal probes.

Formulation / m³: 853 kg ThermoCem TC02

682 I water

Suspension density $\approx 1,535 \text{ kg/m}^3$

Rheology:

Thermal conductivity: $\lambda \approx 2.0 \text{ W/(m\cdot K)}$

Compressive strength: (in accordance with DIN EN 196)

Age of sample	7 days	28 days
Compressive strength [MPa]	5.0	11.0

Delivery / Storage

25-kg bags on Europallet, fully shrunk; bulk or big bag. Dry storage on pallets is required. If stored correctly, the material can be kept for at least 6 months.

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The above data relate to tests under laboratory conditions with the usual metrological tolerances. These along with records of other "suitability tests" are designed to obtain information about the basic suitability of our product in respect of the intended purpose. Even in the case of a project-specific test, the information should not be regarded as a promise of properties with the effect that we can be held responsible for damages resulting from the absence of features and/or properties. Our information therefore does not release customers from the obligation to carry out their own specific tests and take decisions on their own responsibility.

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