

ENTEGRE

"Building Life"

KAROFIX® RAPID

Fast-Setting Improved Cement-
Based Ceramic Tile Adhesive



TILE ADHESIVES AND
GROUTING MORTARS

Areas of Use

Used for bonding ceramic tile and wall tile coverings on horizontal and vertical surfaces indoors and in flooring applications outdoors.

It is applied over cement-based plaster on walls and over cement-based screed and concrete slabs on floors in dry and moderately wet areas.

Advantages

- Easy to prepare.
- Ready for use within 12 hours.
- Allows bonding and grouting on the same day.
- Can be used easily on horizontal and vertical surfaces indoors.
- Polymer-modified.

Application

Surface Preparation

The surface must be completely free of formwork oil, dust, paint and substances that reduce adhesion.

Before application, cracks and holes must be repaired with suitable Entegre Repair Mortars.

If necessary, the application surface must be dampened with water.

Before application on surfaces that are not resistant to moisture, such as gypsum board and gypsum plaster, PRİMEL 100® is applied; once drying is complete (approximately 24 hours), the bonding process is started.

Mortar Preparation and Application

First, water is poured into the mixing container, and then KAROFIX® RAPID is added (6-6,5 L of water/25 kg bag) and mixed with a low-speed hand mixer until the lumps disappear. The mixture is left to stand for 5 minutes and then mixed again to obtain a homogeneous consistency. The prepared mortar is applied to the surface up to a thickness of 8 mm, combed, and the ceramic tile is bonded. For good adhesion, pressure must be applied to the surface with a rubber mallet. Double-sided bonding must be used for large-format ceramic tile coverings. Taking the application speed into account, a suitable amount of mortar must be prepared and must not be spread over a large area. Grouting may begin at least 4 hours after the application of Karofix Rapid.

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Applicable to single-sided application.

Trowel Size	Consumption (kg/m ²)
3	2-3
4	3-4
6	4-5
8	5-6

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Technical Values

Technical Values	Value
Open Time: Tensile Adhesion Strength, N/mm ² (after at least 10 minutes), (TS EN 12004-2)	≥ 0,5
Pot Life, Minutes	< 30
Adhesion Strength; N/mm ² (TS EN 12004-2)	
Early Adhesion Strength (after no more than 6 hours)	≥ 0,5
Under Dry Conditions	≥ 1
Under Wet Conditions	≥ 1
Under Hot Conditions	≥ 1
Under Cold Conditions	≥ 1
Slip, mm (TS EN 12004-2)	≤ 0,5

Packaging and Storage

- Supplied on pallets in 25 kg polyethylene-reinforced kraft bags.
- The shelf life is 1 year from the date of production when stored unopened in its original packaging in a dry, frost-free environment, stacked no more than 8 bags high and without direct contact with the floor; after opening the bag, consumption within 1 week is recommended.
- Keep packages tightly closed when not in use.

Warnings

- No foreign material (lime, cement, gypsum, etc.) must be added to the prepared mortar.
- Mortar whose pot life has expired must not be mixed with water or dry mortar and reused.
- Suitable for coverings with water absorption values of ≤0.5 and >0.5 (ceramic tile, granite, porcelain tile, marble, etc.).
- Application at temperatures between +5 °C and +35 °C is recommended.

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- For an ideal application, the covering material must be bonded to the mortar applied to the surface within 10 minutes.
- Do not apply on frozen surfaces.
- Do not apply under direct sunlight.
- Do not use outside the specified application areas and instructions for use.
- Do not inhale directly. In case of contact with eyes, rinse with plenty of water and seek medical advice if necessary.
- For further information, request the product safety data sheet.
- Please consult us regarding all other application conditions and for your technical questions.

E: Extended open time

Ministry of Public Works Item No: 04.013/1

Certificate of Conformity

Complies with TS EN 12004-1 / April 2017 / C2FTE class.

C2: Improved cementitious adhesive

F: Fast-setting

T: Reduced slip

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