

ENTEGRE

"Building Life"

KAROFIX 100®**Extended Open Time Cement-Based
Ceramic Tile Adhesive****TILE ADHESIVES AND
GROUTING MORTARS**

Areas of Use

Provides high performance in bonding ceramic tiles and marble 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.

For an ideal application, the following tile surface areas are suitable:

Indoor floors: Ceramic tile area $\leq 1600 \text{ cm}^2$

Outdoor floors: Ceramic tile area $\leq 1200 \text{ cm}^2$

Indoor walls: Ceramic tile area $\leq 1100 \text{ cm}^2$

Advantages

- Provides comfortable workability.
- Can be applied to the surface very easily.
- Has a long pot life.

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 the application surface is hot and dry, it must be dampened with water.

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

Mortar Preparation and Application

First, water is poured into the mixing container, and then KAROFIX 100® 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 12 mm, combed, and the ceramic tile is bonded. For good adhesion, the application must be carried out by applying pressure to the surface with a rubber mallet. Grouting may begin at least 24 hours after the application of KAROFIX 100®.

Consumption

Applicable to single-sided application.

Trowel Size	Consumption (kg/m ²)
8	5,5-6,5
10	6,5-7,5
12	7,5-8,5

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Technical Values

Technical Values	Value
Open Time: Tensile Adhesion Strength, N/mm ² (after at least 30 minutes), (TS EN 12004-2)	≥ 0,5
Pot Life, Hours	≤ 2
Adhesion Strength; N/mm ² (TS EN 12004-2)	
Under Dry Conditions	≥ 0,5
Under Wet Conditions	≥ 0,5
Under Hot Conditions	≥ 0,5
Under Cold Conditions	≥ 0,5
Slip, mm (TS EN 12004-2)	≤ 0,5
Reaction to Fire (TS EN 13501-1)	A1

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.
- KAROFIX 100® White is recommended for light-coloured applications.
- Application at temperatures between +5 °C and +35 °C is recommended.
- For an ideal application, the covering material must be bonded to the mortar applied to the surface within 20 minutes.
- Do not apply on frozen surfaces.

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Liability: The above data were obtained under laboratory conditions. Entegre shall not be held liable for any problems or damages arising from use of the product for purposes other than those specified, failure to comply with the stated storage, preservation and application conditions, or incorrect application. Entegre reserves the right to update and amend the above information without prior notice.



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- 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.

Certificate of Conformity



TS EN 12004-1 / April 2017 / C1TE

C1: Normal-setting cementitious adhesive

T: Reduced slip

E: Extended open time

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