

## Areas of Use

Provides superior performance in bonding covering materials such as ceramic tiles, granite and marble on horizontal and vertical surfaces indoors and outdoors.

For an ideal application, the following covering surface areas are suitable for use:

Indoor floors: Covering surface area  $\leq 1600 \text{ cm}^2$ ,

Outdoor floors: Covering surface area  $\leq 1200 \text{ cm}^2$ ,

Indoor and outdoor walls: Covering surface area  $\leq 1200 \text{ cm}^2$  (max. height 4 m)

## Advantages

- Polymer-modified.
- Resistant to water and frost.
- Provides good performance thanks to its flexibility.
- Can be used easily on horizontal and vertical surfaces indoors and outdoors.

## 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, the bonding process is started.

### Mortar Preparation and Application

First, water is poured into the mixing container, and then KAROFIX FLEX® 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 coverings larger than  $1.600 \text{ cm}^2$ .

**ENTEGRE**

"Building Life"

**KAROFIX FLEX®**Improved Cement-Based  
Ceramic Tile AdhesiveTILE ADHESIVES AND  
GROUTING MORTARS

Grouting may begin at least 24 hours after the application of Karofix Flex.

## Consumption

Applicable to single-sided application.

|   |     |
|---|-----|
| 3 | 2-3 |
| 4 | 3-4 |
| 6 | 4-5 |
| 8 | 5-6 |

## Technical Values

| Trowel Size                                                                                          | Consumption<br>(kg/m <sup>2</sup> ) |
|------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>Technical Values</b>                                                                              |                                     |
| Open Time: Tensile Adhesion Strength, N/mm <sup>2</sup> (after at least 20 minutes), (TS EN 12004-2) | ≥ 0,5                               |
| Pot Life, Hours                                                                                      | ≤ 2                                 |
| Adhesion Strength; N/mm <sup>2</sup> (TS EN 12004-2)                                                 |                                     |
| Under Dry Conditions                                                                                 | ≥ 1                                 |
| Under Wet Conditions                                                                                 | ≥ 1                                 |
| Under Hot Conditions                                                                                 | ≥ 1                                 |
| Under Cold Conditions                                                                                | ≥ 1                                 |
| 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.

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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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**KAROFIX FLEX®****Improved Cement-Based  
Ceramic Tile Adhesive****TILE ADHESIVES AND  
GROUTING MORTARS**

## 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 FLEX® White is recommended for light-coloured coverings.
- 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.
- Additional mechanical measures are recommended at heights above 4 metres.
- 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.

## Certificate of Conformity



TS EN 12004-1 / April 2017 / C2T

C2: Improved cementitious adhesive

T: Reduced slip

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