



TECHNICAL DATA SHEET

KAROFIX FLEX®

Cement Based Elastic Tile Adhesive Enhanced With Additional Characteristic

APPLICATION FIELD

Used for laying ceramic, granite porcelain ceramic, marble applications with high performance on interior and exterior faces of the buildings.

It can be use for floors that deformation and temperature differences easily occur, on vertical and horizontal surfaces, for damp bulky floors, places that has a risk for thermal shock and floors that vibration can occur.

CHARACTERISTICS

With polymer additives

Resistance to thermal shock, water and freze.

Elastic characteristic and high performance.

It can be used for exterior faces of the buildings on vertical and horizontal surfaces

APPLICATION

SURFACE PREPARING

The surface must be purified from form oil, dust, paint and adherence reducing materials.

All the holes must be filled and repairs must be made with appropriate Entegre product before plastering.

Application surface must be dampened with water.

Before the applications,it must be PRIMEL 100 for adherence increase to used on gypsum plaster and gypsum board. After the drying (apx.24 hours) it can start to application.

MORTAR PREPARING AND APPLICATION

KAROFIX FLEX® is mixed with an electrical drill (5,75-6,25 lt. water/ 25 kg bag) until the homogene mortar.

Should be waited for 5 minutes and mixed again to obtain a fully homogeneous product.

Prepared mortar is applied on surface with a suitable notch then the tiles are laid. "It is applied to a thickness of 8 mm. Plastic hammer must be used to the surface for a good performance.

If the tile is larger than 1600 cm², the application must be done for both sides.

CONSUMPTION

This values for one side applications.

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

TECHNICAL DATA

Open Time (EN 1346): After 20 minutes (EN 1346)	≥ 0,5
Application Time, hours	< 2
Tensile Adhesion Strength / Initial, mm ² (EN 1348)	≥ 1
Tensile Adhesion Strength / After immersion in water, mm ² (EN 1348)	≥ 1
Tensile Adhesion Strength / After heat exposure, mm ² (EN 1348)	≥ 1
Tensile Adhesion Strength / After freeze/thaw cycles, mm ² (EN 1348)	≥ 1
Slip, mm (EN 1308)	≤ 0,5
Reaction to fire	A1

PACKAGING AND STORING

- 25 kg polyethylene reinforced kraft paper bags, shrink covered pallets upon request.
- 1 year from the date of manufacture if stored in unopened original package; under dry, frost free conditions and arranged maximum 8 bags one above the other.
- Suggested to be consumed in 1 week after the package is opened.

WARNINGS

- No other materials (lime, cement, gypsum etc..) should be added to the prepared mortar.
- Don't use mortar is out of date.
- Joints can be filled 24 hours later.
- Use for coating with water absorption ≤0,5 and >0,5 (ceramic, granite and porcelain ceramic, travertine etc.).

- The following coating areas are suitable for an optimum applications:
Indoor grounds: Area $\leq 1600 \text{ cm}^2$
Outdoor grounds: Area $\leq 1200 \text{ cm}^2$
Indoor and Outdoor walls: Area $\leq 1200 \text{ cm}^2$ (4 m height)
- Recommended to KAROFIX FLEX® Beyaz for light color applications.
- Suggested that the application is done between +5°C, +35°C.
- For the ideal application, the coating material must be join on mortar in 25 minutes.
- On areas that higher than 8m, it must be taken to mechanical prevent actions.
- Do not apply on frozen surfaces.
- It should not be applied under sun.
- Don't go beyond the application field and rules.
- As it is cement based product, do not smell it directly. Wash your eyes in case of contact. Call your doctor if it is necessary.
- For detailed information please request security data sheet.
- Contact us for the other application fields and for your technical questions.

CERTIFICATE OF CONFORMITY



TS EN 12004-1/April 2017 / C2T

C2: Improved adhesive

T: Adhesive with reduced slip

Ministry of Public Works Pos. No:04.013/1

Above stated data obtained in lab conditions. Entegre will not be liable for any defect in product occurring by reason of events or conditions not within its control such as misuse, mishandling, improper storage or improper installation. Entegre reserves the right to revise the information contained herein without prior notice..

ENTEGRE HARÇ SANAYİ VE TİC. A.Ş.

Hüseyinli Mahallesi Beykoz Cad. No:222/4 34799 Çekmeköy/İSTANBUL T: 0216 434 50 96 F: 0216 434 50 31
www.entegreharc.com.tr