

KAROFIX® SUPER FLEX

Cement Based Ready Mix Elastic Tile Adhesive With High Performance

APPLICATION FIELD

Used for laying ceramic, granite porcelain ceramic, marble applications; ceramic applications on ceramic, granite, travertine, decorative brick, 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.

It can be used for interior and exterior faces of the buildings.

CHARACTERISTICS

For big size ceramic, granite, porcelain, marble and travertine, applications,

Suitable for ceramic applications on ceramic,

High elastic characteristic and high adhesive performance.

Resistance to thermal shock, water and freeze.

It can use under heavy traffic on ground.

With polymer additives.

Suitable for using cold storage.

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.

PRİMEL 100® is applied on weak damp proof surfaces such as gypsum plaster and gypsum board before application.

Before the applications, it must be PRİMEL 600® 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® SUPER FLEX is mixed with an electrical drill (5,75-6,25 lt. water/25 kg bag) until the homogeneous 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 3600 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 30 minutes (EN 1346)	≥ 0,5
Application Time, hours	< 2
Tensile Adhesion Strength / Initial, N/mm ² (EN 1348)	≥ 1
Tensile Adhesion Strength / After immersion in water, N/mm ² (EN 1348)	≥ 1
Tensile Adhesion Strength / After heat exposure, N/mm ² (EN 1348)	≥ 1
Tensile Adhesion Strength / After freeze/thaw cycles, N/mm ² (EN 1348)	≥ 1
Slip mm (EN 1308)	≤ 0,5
Reaction to Fire	A1



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14

TS EN 12004:2007+A1:2013-04
Cement Based Ready Mixed Tile Adhesive
KAROFIX SUPER FLEX

PACKAGING AND STORING

- 25 kg kraft paper or polypropylene bags, in the sling or 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 $\leq 0,5$ and $> 0,5$ (ceramic, granite and porcelain ceramic, travertine etc.).
- The following coating areas are suitable for an optimum applications:
Indoor and outdoor grounds: Area $< 3600 \text{ cm}^2$
Outdoor walls: Area $\leq 1200 \text{ cm}^2$ (12m height)
Outdoor walls: Area $\leq 2000 \text{ cm}^2$ (8m height)
Outdoor walls: Area $\leq 3600 \text{ cm}^2$ (4m height)
- Recommended to KAROFIX® SUPER FLEX White for light color applications.
- Suggested that the application is done between $+5^\circ\text{C}$, $+35^\circ\text{C}$.
- For the ideal application, the coating material must be join on mortar in 35 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 / C2TE

C2: Improved adhesive

T: Adhesive with reduced slip

E: Adhesive with extended open time

Above mentioned data has been obtained in laboratory environment. Entegre will not be held responsible from the failures due to improper use, improper storage, improper application conditions and faulty applications. Entegre reserves right to amend the above mentioned information and data.

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