



## **TECHNICAL DATA SHEET**

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### **KAROFIX® RAPID**

#### **Cement Based Improved Adhesive Rapid Setting High Performance Ceramic Tile Adhesive**

#### **APPLICATION FIELD**

Used for laying faience and ceramics on vertical and horizontal surfaces in interior faces of the buildings. Can be applied on dry and wet (of middling quality) surfaces, on the walls on cement based plaster, on floors on cement based screed and concrete.

#### **CHARACTERISTICS**

- Easy to prepare.
- In 12 hours, floor can be used.
- Adhering and joint filling can be done on the same day.
- It is easy to use on horizontal and vertical surfaces for interior faces.
- With polymer additives.

#### **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 RAPID® is mixed with an electrical drill (6 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 1100 cm<sup>2</sup>, the application must be done for both sides.

## **CONSUMPTION**

This values for one side applications.

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

## **TECHNICAL DATA**

<b>Open Time (EN 1346): After 10 minutes (EN 1346)</b>	<b>≥ 0,5</b>
<b>Application Time, hours</b>	<b>&lt; 30</b>
<b>Early Tensile Adhesion Strength, N/mm<sup>2</sup> (max. after 6 hours) (EN 1348)</b>	<b>≥ 0,5</b>
<b>Tensile Adhesion Strength / Initial, N/mm<sup>2</sup> (EN 1348)</b>	<b>≥ 1</b>
<b>Tensile Adhesion Strength / After immersion in water, N/mm<sup>2</sup> (EN 1348)</b>	<b>≥ 1</b>
<b>Tensile Adhesion Strength / After heat exposure, N/mm<sup>2</sup> (EN 1348)</b>	<b>≥ 1</b>
<b>Tensile Adhesion Strength / After freeze/thaw cycles, N/mm<sup>2</sup> (EN 1348)</b>	<b>≥ 1</b>
<b>Slip, mm (EN 1308)</b>	<b>≤ 0,5</b>
<b>Reaction to fire</b>	<b>A1</b>

## **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 6 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  $\leq 1200 \text{ cm}^2$   
Outdoor grounds: Area  $\leq 900 \text{ cm}^2$   
Indoor walls: Area  $\leq 1100 \text{ cm}^2$
- Recommended to KAROFIX RAPID® Beyaz for light colour 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 10 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**



It has been producing in accordance with TS EN 12004 / C2FT Standard

**C2: Improved adhesive**

**F: Fast setting adhesive**

**T: Adhesive with reduced slip**

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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.**

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