KAROFİX®

Cement Based Tile Adhesive

(Ready-to-use Tile Adhesive on Horizontal and Vertical Surfaces for Interior)

APPLICATION FIELD

Used for fixing of ceramics and tile coating materials on horizontal and vertical surfaces for interior areas and on floor applications for exterior areas. Applied on cement-based plasters on dry and medium wet areas, walls; and on cement-based screed and concrete flooring on floor areas.

PROPERTIES

Easy to prepare and apply

Provides comfortable using with sufficient working time.

Used conveniently on interior surfaces both vertically and horizontally.

APPLICATION

SURFACE PREPARATION

Surface to be treated from the materials reducing adhesion such as mould oil, dust, paint, etc.

Repair of cracks and holes before application must be done with the same material or appropriate Entegre Repair Mortars.

Surface must be moistened with water if necessary.

PRİMEL 100® is applied on surfaces which are not resistant to moisture such as gypsum plaster etc. and application is started after surface become dry.

MORTAR PREPARATION AND APPLICATION

Water shall be put to the mixing container first, then KAROFIX® shall be added (5.75-6.25 litre of water for 25 kg bag) and it shall be mixed until the lumps are removed. Stop for 5 minutes, and mix again to achieve a homogeneous mixture. The mortar prepared shall be applied up to a thickness of 8 mm, it shall be combed and ceramic shall be fixed. For a good adhesion, application shall be performed by applying force on the surface with a rubber hammer. Double sided fixing shall be used for coatings greater than 1,100 cm².

CONSUMPTION

Applies to one-sided application.

Comb Size	Consumption, (kg/m2)
3	2-3
4	3-4
6	4-5
8	5-6

TECHNICAL DATA

Open Time: Tensile Adhesion Strength, N/mm² (min 20 minutes later), (EN 1346)	≤ 0,5
Workability Time, Hour	< 2
Adhesion Strength (Dry Environment), N/mm² (EN 1348)	≤ 0,5
Adhesion Strength (Wet Environment), N/mm² (EN 1348)	≤ 0,5
Adhesion Strength (Hot Environment), N/mm² (EN 1348)	≤ 0,5
Adhesion Strength (Cold Environment), N/mm² (EN 1348)	≤ 0,5
Slip, mm (EN 1308)	≥ 0,5
Reaction to Fire (EN 13501-1)	A1

PACKAGING AND STORAGE

- In 25 kg polyethylene reinforced kraft bags.
- In dry and frost free environment, in its original package unopened, it must be consumed in 1 months from the date of production, provided that it is put on top of 8 rows. It is recommended to consume in 1 week after opening the bag.
- When not in use, the package must be tightly closed.

RECOMMENDATIONS

- No foreign material (lime, cement, gypsum etc.) must be added to the prepared mortar.
- Mortar shall not be used again by mixing with water or dry mortar if its application time has expired.
- Used for coatings with water absorption of > 0.5 (ceramic, tile, etc.).
- The following coating areas are suitable for an ideal application:
  Indoor floor: Ceramic area ≥1200 cm²
  Outdoor floor ≥900 cm²
  Indoor wall: Ceramic area ≥1100 cm²
- KAROFİX® White is recommended for light color coating.
- It is recommended to apply at temperature between +5 °C, +35°C.
- For an ideal application, the coating material must be adhered to the mortar in 25 minutes.
- Must not be applied on frozen surfaces.
- Do not apply under direct sunlight.
- Do not use out of the application field and instructions.
- Do not smell directly. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Please request the product safety data sheet for more information.
- Please contact us for your technical questions regarding all other application conditions.

CERTIFICATE OF CONFORMITY

TS EN 12004-1 / April 2017 / C1T

C1: Normal setting cementitious adhesive

T: adhesive with reduced slip

Public Work Items 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.

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