

ENTEGRE

"Building Life"

KAROFİX AKRİLİK®Acrylic-Based, High-Performance
Ready-to-Use Ceramic Tile AdhesiveTILE ADHESIVES AND
GROUTING MORTARS

Application Areas

For bonding ceramic tiles, wall tiles, decorative tiles, glass mosaics and similar coverings to walls indoors,

In wet areas such as bathrooms and kitchens,

Provides excellent results when bonding to cement-bonded particleboard, gypsum board, chipboard and gypsum-plastered walls.

Properties

- Ready to use.
- Has a long working time on the surface.
- Provides a flexible adhesive layer.
- Odourless.
- Unaffected by moisture.

Application

Surface Preparation

The surface must be thoroughly cleaned of form oil, dust, paint and substances that reduce adhesion. The application surface must be sound, load-bearing, dust-free and dry. Loose parts with poor adhesion must be removed from the surface.

Mortar Preparation and Application

KAROFİX AKRİLİK® is applied to the surface as a thin layer using the flat side of the trowel. Over an area that can be covered within the 20-minute open time, KAROFİX AKRİLİK® is combed in one direction using the notched side of the trowel so that an even thickness is obtained across the entire surface. When positioning the ceramic tiles, each tile is pressed into place to ensure contact with the adhesive layer. The application is completed leaving a joint width of at least 2.5 mm. Suitable Entegre grouts must be used to fill the selected joints. Grouting may begin at least 4 days after the application of Karofix Acrylic.

Consumption

Consumption varies between 3,5 and 5 kg/m² depending on the notch size of the trowel used.

Technical Values

Technical Values	Value
Material Structure	Contains polymer dispersion, mineral fillers and special additives
Colour	White
Density, g/cm ³	~1,72
Shear Adhesion Strength, N/mm ²	≥ 1,0
Time Before Grouting	Min. 3 days
Service Temperature, °C	-10 / +70
Open Time, min	≥ 20
Slip, mm	≤ 0,5
Wettability	Min. 90%
Full Curing Time	28 days
Substrate Temperature, °C	+10 / +25

Note: The above values are given for +23 °C and 50% relative humidity.
High temperatures shorten the time, while low temperatures extend it.

Packaging and Storage

- Supplied in 5 kg and 15 kg plastic buckets.
- Can be stored for approximately 1 year in cool conditions.

Warnings

- No foreign material (lime, cement, gypsum, etc.) must be added to the prepared mortar.
- Storage and application areas must be ventilated.
- Freezes below -5 °C. Frozen material must be allowed to thaw in a warm environment and mixed thoroughly before use.

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- On indoor walls: covering surface area $\leq 1.100 \text{ cm}^2$,
- Additional mechanical measures are required at heights above 4 m.
- If the application temperature is below 5 °C, the working area must be heated.
- If the substrate temperature is below 5 °C, the working area must be heated.
- KAROFIX AKRİLİK® applied at 23 °C reaches its final strength after 28 days; this period may be longer at low temperatures.
- For floor applications and for bonding low-absorption and large-format covering materials, our cement-based products should be preferred.
- Not recommended for continuously wet surfaces such as swimming pools.
- Do not inhale directly. In case of eye contact, rinse the eyes with plenty of water and consult a doctor 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

Complies with TS EN 12004-1 / D2T class.

D2: Improved dispersion adhesive.

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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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