

TECHNICAL DATA SHEET

KAROFIX AKRİLİK®

Acrylic Based High Performance Ready to Use Ceramic Adhesive

USAGE AREA

In bonding ceramic, tile, china, glass mosaic etc. coatings to walls in indoor/outdoor spaces,

In wet areas such as bathrooms and kitchens,

In bonding ceramic on ceramic,

It gives excellent results in bonding to walls with betopan, plasterboard, chipboard and gypsum plaster.

FEATURES

Ready to use.

Working time on the surface is long.

Provides a flexible bonding layer.

Odorless.

Unaffected by moisture.

APPLICATION

SURFACE PREPARATION

The surface must be free from mold oil, dust, paint and adherence reducing substances. The application surface must be solid, load-bearing, dust-free and dry. Loose parts with low adherence must be removed from the surface.

MORTAR PREPARATION AND APPLICATION

KAROFIX ACRYLIC® is applied to the surface as a thin layer with the flat side of the trowel. Within the open time of 20 minutes, KAROFIX ACRYLIC® is pulled in one direction with the toothed side of the trowel to ensure equal thickness on the entire surface. When placing the ceramics, the ceramics are floated in the bonding table in order to ensure contact with the bonding layer. The application is completed by leaving a joint gap of at least 2.5 mm. Appropriate Integrated Grouting Agents should be used to fill the selected joint gaps. Grouting can be started approximately 4 days after the ceramic application.

CONSUMPTION

1.7 kg/m² for 1 mm thickness (≤100 cm² ceramic coatings)

It is recommended not to apply more than 3 mm thickness.

TECHNICAL VALUES

Structure of the Material	Acrylic based binder and mineral filler
Color	White
Density	1,70 ± 0,05g/cm ³
Adhesion strength in shear	≤ 1,00 N/mm ² (28 days)
Grouting time	Min. 3 days
Application thickness	Max. 3 mm
Service temperature	-10 °C +70 °C
Open waiting time	20 min.
Slippage (mm)	None
Wettability	Min % 90
Full curing time	28 days
Substrate temperature	+10 °C +25 °C

PACKAGING AND STORAGE

- Shipped in 5 and 15 kg plastic buckets.
- Stored in cool environments for approximately 1 year.

WARNINGS

- No foreign material (lime, cement, plaster, etc.) should be added to the prepared mortar.
- Storage and application areas should be ventilated.
- It freezes below -10 °C. Frozen material should be left to thaw in a warm environment and mixed thoroughly before use.
- Grouting should be applied 7 days after ceramic-on-ceramic bonding.
- In interior walls; Coating area ≤ 1,100 cm² (maximum 12 m),
In exterior walls; Coating area ≤ 110 cm² (maximum 6 m)
- Additional mechanical precautions must be taken at heights over 6 m.
- It is recommended not to make a thickness greater than 3 mm.
- In cases where the application is below 5 °C, the working environment must be heated.
- In cases where the ground temperature is below 5 °C, the working environment must be heated.
- KAROFIX AKRİLİK® applied at 23 °C reaches its final strength after 24 days, this period may be extended at low temperatures.
- Our cement-based products should be preferred for floor applications and for bonding low-absorbent and large-sized coating materials.
- It is not recommended for constantly wet surfaces such as pools.
- Do not inhale directly. In case of eye contact, rinse the eye with plenty of water, if necessary, consult a doctor.
- Request the product safety data sheet for more information.
- Consult us for all other application conditions and technical questions.

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The above data was obtained in a laboratory environment. Entegre does not accept any responsibility for problems arising from the use of the product outside its intended purpose, failure to provide storage and application conditions, or incorrect application. Entegre reserves the right to change the above information.

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