

ENTEGRE

"Building Life"

KAROFIX® POOL

High-Performance Cement-Based
Ceramic Tile Adhesive Developed for

TILE ADHESIVES AND
GROUTING MORTARS

Areas of Use

Used for ceramic tile coverings in wet areas such as swimming pools, Turkish baths, saunas, spa centres, water tanks, terraces and roofs.

In addition, thanks to its high performance, it is used with ceramic tile, porcelain tile, granite and similar coverings of various sizes on horizontal and vertical surfaces indoors and outdoors.

Advantages

- Suitable for use in areas subject to temperature variations.
- Resistant to water and moisture.
- Has reduced slip.
- Provides good performance thanks to its flexibility.
- Polymer-modified.
- Provides high performance in ceramic-on-ceramic bonding.

Application

Surface Preparation

The surface must be completely free of formwork oil, dust, paint and substances that reduce adhesion.

Before application, cracks and holes must be repaired with suitable Entegre Repair Mortars.

If necessary, the application surface must be dampened with water.

Before application on surfaces that are not resistant to moisture, such as gypsum board and gypsum plaster, PRİMEL 100® is applied; in ceramic-on-ceramic applications, PRİMEL 600® is applied to the surface, and once drying is complete (approximately 24 hours), the bonding process is started.

Mortar Preparation and Application

First, water is poured into the mixing container, and then KAROFIX® POOL is added (6,25-6,75 L of water/25 kg bag) and mixed with a low-speed hand mixer until the lumps disappear. The mixture is left to stand for 5 minutes and then mixed again to obtain a homogeneous consistency. The prepared mortar is applied to the surface up to a thickness of 8 mm, combed, and the ceramic tile is bonded. For good adhesion, pressure must be applied to the surface with a rubber mallet. Double-sided bonding must be used for large-format ceramic tile coverings.

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Grouting may begin at least 24 hours after the application of Karofix Pool.

Consumption

Applicable to single-sided application.

Trowel Size	Consumption (kg/m ²)
3	2-3
4	3-4
6	4-5
8	5-6

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Technical Values

Technical Values	Value
Open Time: Tensile Adhesion Strength, N/mm ² (after at least 30 minutes), (TS EN 12004-2)	≥ 0,5
Pot Life, Hours	≤ 2
Adhesion Strength; N/mm ² (TS EN 12004-2)	
Under Dry Conditions	≥ 1
Under Wet Conditions	≥ 1
Under Hot Conditions	≥ 1
Under Cold Conditions	≥ 1
Slip, mm (TS EN 12004-2)	≤ 0,5
Reaction to Fire (TS EN 13501-1)	A1

Packaging and Storage

- Supplied on pallets in 25 kg polyethylene-reinforced kraft bags.
- The shelf life is 1 year from the date of production when stored unopened in its original packaging in a dry, frost-free environment, stacked no more than 8 bags high and without direct contact with the floor; after opening the bag, consumption within 1 week is recommended.
- Keep packages tightly closed when not in use.

Warnings

- No foreign material (lime, cement, gypsum, etc.) must be added to the prepared mortar.
- Mortar whose pot life has expired must not be mixed with water or dry mortar and reused.
- Suitable for coverings with water absorption values of ≤0.5 and >0.5 (ceramic tile, granite, porcelain tile, marble, etc.).
- For an ideal application, use double-sided bonding, especially for large-format ceramic tiles.

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- KAROFIX® POOL White is recommended for light-coloured applications.
- Application at temperatures between +5 °C and +35 °C is recommended.
- For an ideal application, the covering material must be bonded to the mortar applied to the surface within 30 minutes. This period applies at 23 °C. On hot surfaces or under hot ambient conditions, this period will be significantly shorter; this must be taken into account and appropriate measures must be taken.
- Do not apply on frozen surfaces.
- Do not apply under direct sunlight.
- Do not use product heated under sunlight directly; allow it to cool in the shade before use.
- Do not apply on frozen surfaces.
- Do not apply under direct sunlight.
- Do not use outside the specified application surfaces and instructions for use.
- Do not inhale directly. In case of contact with eyes, rinse with plenty of water and seek medical advice 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



TS EN 12004-1 / April 2017 / C2TE

C2: Improved cementitious adhesive

T: Reduced slip

E: Extended open time

Ministry of Public Works Item No: 04.013/1

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