

TECHNICAL DATA SHEET

DESCRIPTION

Modified acrylic emulsion based, paste type ready-to-use ceramic and tile adhesive.



TS EN 12004-1 Adhesives-Tile Adhesives-Features, conformity assessment, classification and display

Complies with class D2TE.

- D2 = Improved dispersion based adhesive T
= Reduced slip feature
E = Open holding time extended

PLACES OF USE

- Interior - horizontal and vertical applications - adhesion of ceramic, tile and glass mosaic
- Horizontal granite applications
- Can be used on surfaces without high water absorbency.
- It is suitable for plaster and old ceramic on ceramic applications.
- It can be applied on gypsum plaster without using surface forming primer.

POINTS TO PAY ATTENTION

- Do not apply on wood, OSB, PVC, bitumen, painted and metal surfaces.
- Do not apply within 24 hours on surfaces where frost hazard may occur. It must be applied when the surface temperature is between +5 °C and +25 °C.
- It is not applied on horizontal floors in outdoor areas and places that are constantly wet (swimming pool, bathroom, water tank).
- The material should be mixed well before application.
- No additives should be added to the product.
- Depending on the surface on which the material is applied, the complete drying time may be between 4-5 days. Joint application should be started 3-4 days after the bonding process.
- In vertical applications, the coating material should not have an area larger than 1000 cm⁽²⁾ (33 x 33cm ceramic).
- The unpacked adhesive should be kept in its own packaging or in another container in a good condition, so that no air can enter outside of use.

ADVANTAGES

- Ready to use
- Does not form mould, fungus and bacteria.
- Paste consistency, ready to use and easy to apply.
- High performance and highly elastic.
- Does not slip in vertical applications.

VARLIK MINERAL GEOTHERMAL ENERGY MINING CONSTRUCTION TRADING CO.

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- It has a long working time.

SURFACE PREPARATION

The application surface must be clean, smooth and free of paint, scraped plasters that will prevent adhesion and leveled. Holes and cracks over 5 mm should be filled with **Kraft® Repair Mortar (thin or thick)** 2-3 days in advance (see **Kraft® Repair Mortar**). Otherwise, the coatings applied on unsealed holes and cracks are at risk of cracking and breaking when exposed to point load. If the surface is not flat enough, the floor should be levelled with **TECHNO Kraft® Self Leveling** vertical **Kraft® Ready Plaster** (see **TECHNO Kraft® Self Leveling-Kraft® Ready Plaster**). **Kraft® PRO READY** should never be used as surface levelling mortar.

USAGE DIRECTION

Kraft® PRO READY is slowly mixed with a mixer at 400-600 rpm for 2 minutes until it reaches a paste consistency. The adhesive mortar is applied to the surface with a **4-6 mm comb** and the coating materials are laid and fixed on the surface. After the material is pulled to the surface with a trowel and combed, it should be adhered according to the air temperature and climatic conditions in which the material is used. In such cases, the adhesive is pressed with a finger and the adhesive surface is checked. If the material gets on the fingers, the bonding process is continued. Otherwise, the bonding process should be terminated and the dried adhesive material should be scraped off the surface and new adhesive should be applied to the surface. Maximum 20-25 minutes should be waited for the bonding process. The adhesive applied surface should be protected from frost within the first 24 hours. All tools and equipment used after the application should be cleaned with water before the mortar dries. If the mortar dries on the coating, it is cleaned by mechanical methods. The manufacturer's information written on the packaging should be taken into consideration before and during the application.

EXPENDITURE

Ceramic Sizes	Ceramic Comb Tooth Size	Consumption (kg/m ²)
up to 15 x 15 cm	4 mm	3-3.5 kg
Above 15 x 15 cm	6 mm	4-5 kg

TECHNICAL SPECIFICATIONS

Colour	White
Material Content	Contains modified acrylic binder and mineral filler.
Initial Shear Bond Strength (EN 1324)	≥ 1 N/mm ²
Shear Adhesion Strength after Heat Aging (EN 1324)	≥ 1 N/mm ²
Open Holding Time: Tensile Bond Strength (EN 1346)	≥ 0.5 N/mm ²
Slip mm (EN 1308)	None
Wettability (EN 1347)	%90
Full Drying Time	28 days



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Application Thickness	4mm - 6mm
Open Hold Time	≥ 20 minutes
Joint Application	After 3-4 days on the wall and floor
Opening Time to Traffic	14 days after implementation for purely pedestrian traffic
Shelf Life	12 months from the date of manufacture under appropriate storage conditions When not in use, the packaging should be tightly closed and the material should be consumed within 1 week at the latest.

The above values are valid at +21 °C and 50% relative humidity.

PACKAGING and STORAGE

CODE	PACKAGING
KR-8700	Kraft® PRO READY- 5 kg

Store the material in its unopened packaging in a dry environment, protected from frost.