

tk-7000

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TK-7000

Ready-to-use, high performance adhesive paste for laying ceramic tiles of all types on indoor walls and floors, and outdoor walls.

Optimum flexibility.

Highly water resistant.

bonding agents and adhesives

TECHNOKOLLA





5-35°C

30 min

3-8 mm

4 mm

tk-7000



MAIN FEATURES

- Ready to use
- Can be used on floors
- Optimum flexibility
- High performance
- Can be used on outdoor walls
- Highly water resistant

APPEARANCE

White paste

STORAGE

12 months in dry place

FIELDS OF USE

- Fixing ceramic tiles of all types in medium and small sizes, on indoor walls and floors.
- Fixing ceramic tiles of all types in medium and small sizes outdoors, on walls only.
- Suitable for use when high flexibility is required, such as: fixing on plasterboard or wood.
- Fixing insulating panels made of polystyrene, polyurethane foam, rock or glass wool and cork on absorbent substrates.
- Suitable for fixing in damp places, such as: communal shower facilities and bathrooms.

SUBSTRATES

Cement-based or gypsum-based plaster, plasterboard, wood, cement-lime mortar, concrete, cellular concrete, anhydrite screeds, heating screeds.

NATURE OF THE PRODUCT

TK-7000 mainly consists of high-strength cements, selected silicon/quartz mineral charges and specific additives.

For further details, ask the technical office for the safety brief or download it from the web site www.technokolla.com.

OPERATIONS PRIOR TO APPLICATION

Substrates must fulfill the requirements of the local standards, be properly cured, structurally sound, dimensionally stable, free of any loose or friable particles, clean, dry and free of any contaminants such as dust, dirt, oil, grease, release agent, cement laitance or efflorescence.

Cement substrates should not be subject to shrinkage after the installation of the product, therefore they must be properly cured. Comply with local standards.



Depending on the substrate condition and contaminants to be removed from the surface, perform adequate preparation techniques, such as grinding or blastcleaning, in order to remove all traces of any materials that could reduce the product's adhesion to the substrate.

Cracks in substrates must be identified and sealed appropriately e.g. with REPAIR epoxy resin. Small hollows in the surfaces must be leveled. In this case, use RASO or GAP-R respectively 24 h and 6 h before fixing the materials.

If the surface is gypsum-based, apply a coat of PRIMERT PLUS before levelling. It is very important to make sure there is no rising damp in the walls. In this case, tiles can only be fixed after water and saline bloom have been eliminated from the wall.

HOW TO PREPARE THE MIXTURE

TK-7000 is ready to use. Just open the can and stir briefly with the trowel before use.

The creamy paste obtained can be easily applied by trowel and possesses optimum thixotropy. Once the product has been applied, any left-over adhesive can be kept in the firmly closed can for future use.

APPLICATION OPERATIONS

Tiling must be carried out on freshly applied adhesive, applying adequate pressure to ensure complete and uniform contact with the adhesive and thus optimum bond. If a film is seen to form on the surface, the adhesive has been left for too long, then immediately remove the adhesive layer with the trowels, discard this material and apply a fresh layer of adhesive.

Avoid application in direct sunlight and/or strong wind/draughts.

WARNINGS AND RECOMMENDATIONS

Do not use:

- in places used to contain water (tanks, swimming pools, etc.)
- do not glue two non-absorbent materials together (e.g.: tiles on tiles)
- for fixing porcelain stoneware in large sizes
- on floors subject to heavy traffic (lift trucks, cars, trucks, etc.)
- on floors subject to rising damp
- for laying outdoor floors
- do not apply at temperatures less than 5°C or more than 35°C
- do not add anything to the product

CONSUMPTION

Trowel	3x3 mm	6x6 mm	8x8 mm
TK-7000	~ 2 kg/m ²	~ 3 kg/m ²	~ 4 kg/m ²

Consumption data refer to sole use of a trowel on flat substrates.

tk-7000

TECHNICAL DATA	VALUE	REQUIREMENT	STANDARD
pH	~ 8,5		
Weight density	~ 1,7		
Open time	*30 min	° 30 min	EN 1346
Adjustability time	* approx. 50 min		
Wall tiles can be grouted	* after 24 h		
Treadable after	* 36 - 48 h		
Ready for use	* 7 days		
Creep on vertical wall	≤ 0.5 mm	° ≤ 0.5 mm	EN 1308
Initial shearing bond	~ 2.0 N/mm ²	° ≥ 1 N/mm ²	EN 1324
Shearing bond after the action of heat	~ 3.0 N/mm ²	° ≥ 1 N/mm ²	EN 1324
Shearing bond after immersion in water	~ 0.6 N/mm ²	° ≥ 0.5 N/mm ²	EN 1324
Bond at high temperatures	~ 1.6 N/mm ²	° ≥ 1 N/mm ²	EN 1324

° according to standard "EN 12004".

* these time intervals refer to a temperature of 23°C-50% R.H.. They become shorter with higher temperatures and longer at lower temperatures.

SPECIFICATION

Ceramic wall tiles must be fixed with class "D2TE ready to use adhesive paste according to standard EN 12004", such as TECHNOKOLLA's TK-7000, also suitable for use on floors, on outdoor walls, and which allows tiles to be fixed in damp places.

Technokolla reminds you to examine the "notes" document that completes the information in this data sheet. The document can be downloaded in the pdf format from the website www.technokolla.com.

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