

tk-3000

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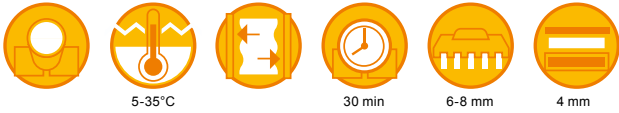
TK-3000

Ready-to-use adhesive paste for fixing ceramic wall tiles on indoor gypsum-based or cement substrates in damp places. Particularly suitable for wooden substrates.

**bonding agents
and adhesives**

TECHNOKOLLA®





5-35°C

30 min

6-8 mm

4 mm

tk-3000



MAIN FEATURES

- Ready to use
- Optimum workability
- Non-slip
- Extended open time
- Optimum flexibility
- High performance

APPEARANCE

Ivory white paste

STORAGE

12 months in dry place, protected from frost and heat

FIELDS OF USE

- Fixing ceramic tiles of all types on indoor walls.
- Suitable for use when high flexibility is required, such as: fixing on plasterboard or wood.
- 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.

NATURE OF THE PRODUCT

TK-3000 consists of organic copolymers, selected mineral charges, special additives and water.

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.

bonding agents and adhesives



RECOMMENDED ACCESSORIES



6x6 mm trowel



28x12 cm trowel stainless steel
3 mm square serrations



PVC trowel

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 tiles.

If the substrate is gypsum-based, apply a coat of PRIMER-T PLUS before leveling.

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-3000 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:

- on floors
- outdoors
- in places used to contain water (use TECHNO-ONE or TECHNO S-ONE)
- between two non-absorbent materials (use TECHNO-ONE, TECHNO S-ONE or TECHNOS+ with TC-LAX)
- at temperatures below a 5°C or above 35°C
- in layers more than 4 mm thick
- large or medium-sized porcelain stoneware tiles
- do not add anything to the product

CONSUMPTION

Trowel	3x3 mm	6x6 mm	8x8 mm
TK-3000	~ 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-3000

TECHNICAL DATA	VALUE	REQUIREMENT	STANDARD
pH	~ 11.5		
Weight density	1,73		
Open time	30 min	° 30 min	EN 1346
Adjustability time	* ~ 50 min		
Wall tiles can be grouted	*after 24 h		
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	~ 2.0 N/mm ²	° ≥ 1 N/mm ²	EN 1324
Shearing bond after immersion in water	~ 0.8 N/mm ²	° ≥ 0.5 N/mm ²	EN 1324
Bond at high temperatures	~ 1.2 N/mm ²	° ≥ 1 N/mm ²	EN 1324

° according to standard "EN 12004"

* 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-3000, which allows tiles to be fixed in damp environments.

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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