

# tk-3000

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## TK-3000

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

**bonding agents  
and adhesives**

**TECHNOKOLLA®**





5-35°C

30 min

6-8 mm

4 mm

# tk-3000



## MAIN FEATURES

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

## APPEARANCE

Ivory white paste

## STORAGE

12 months in a dry place, sheltered from freezing temperatures and heat

## FIELDS OF USE

- Fixing ceramic wall tiles of all types indoors.
- Suitable for use when high flexibility is required, such as: fixing on plasterboard or wood.
- Suitable for fixing in damp places, such as: community shower facilities and bathrooms.

## SUBSTRATES

Cement-based or gypsum-based plaster, plasterboard, wood, cement-lime mortar, concrete.

## NATURE OF THE PRODUCT

TK-3000 contains copolymers of organic nature, selected silicon/quartz mineral charges, specific additives. Ask our technical department for the safety brief for further information or download it from our website [www.technokolla.com](http://www.technokolla.com).

## OPERATIONS PRIOR TO FIXING

Small hollows in the surfaces must be levelled. In this case, use RASO or RASORAPID respectively 24 h and 6 h before fixing the materials. If the surface is gypsum-based, apply a coat of PRIMER-T before levelling. It is very important to make sure that there is no rising humidity in the walls. In this case, the tiles can only be fixed after water and saline bloom have been eliminated from the wall.

## bonding agents and adhesives



Colle a cerchione  
Adhesive for tiles  
CERTIFICATE CSTB CERTIFIED



## RECOMMENDED ACCESSORIES



### TKW 457

Trowel 6x6 mm



### TKW 101

Trowel 3x3 mm



### TKW 161

PVC trowel

## HOW TO PREPARE THE MIXTURE

TK-3000 is ready to use. Just open the can and stir briefly with the trowel before use.

The product is a creamy paste that can be easily applied with a trowel, but with optimum thixotropy.

Once the product has been applied, any left-over adhesive can be kept in the firmly closed can for future use.

## WARNINGS AND RECOMMENDATIONS

### Do not apply:

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

## AMOUNT REQUIRED

Trowel	3x3 mm	6x6 mm	8x8 mm
Tk-3000	2 kg/m <sup>2</sup>	3 kg/m <sup>2</sup>	4 kg/m <sup>2</sup>

The amounts refer to sole use of the trowel and to flat substrates.

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TECHNICAL SPECIFICATIONS	VALUE	REQUISITE	STANDARD
pH	11.5		
Weight density	1.73		
Open time	30 min	° 30 min	EN 1346
Adjustability time	* Approx. 50 min		
Cladding can be grouted	* After 24 h		
Creep on a vertical wall	0 mm	° ≤ 0.5 mm	EN 1308
Initial shearing bond	4.0 N/mm <sup>2</sup>	° ≥ 1 N/mm <sup>2</sup>	EN 1324
Shearing bond after the action of heat	4.2 N/mm <sup>2</sup>	° ≥ 1 N/mm <sup>2</sup>	EN 1324
Shearing bond after immersion in water	0.7 N/mm <sup>2</sup>	° ≥ 0.5 N/mm <sup>2</sup>	EN 1324
Bond at high temperatures	1.7 N/mm <sup>2</sup>	° ≥ 1 N/mm <sup>2</sup>	EN 1324

° according to standard EN 12004

\* these times 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 a class “D2TE ready to use adhesive paste according to standard EN 12004”, such as the TK-3000 type by TECHNOKOLLA, 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 from our web site [www.technokolla.com](http://www.technokolla.com) in pdf format.

The advice about technical matters and applications in the technical data sheets, or given verbally or in writing by our personnel as part of our customer assistance service, are the result of our best and most up to date experience. Since we are unable to personally modify the conditions in the building site or the way the work is carried out, this information is purely indicative and, thus, binds us neither legally nor in any other way in relation to third parties. This information does not relieve the end user from being responsible for testing our products so as to make sure they are fit for the required use. We therefore strongly advise the customer/user to subject Technokolla's products to preventive tests in order to ensure that they are suitable. The end user is also responsible for checking to make sure that this technical data sheet is not obsolete and that more recent editions have not replaced it. Thus, before using our products, you are advised to download the most up to date version of the technical data sheet from our web site [www.technokolla.com](http://www.technokolla.com).