

# tk-1000

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## TK-1000

Ready-to-use adhesive paste for fixing ceramic wall tiles on indoor gypsum-based or cement substrates.

**bonding agents  
and adhesives**

**TECHNOKOLLA®**





5-35°C

30 min

3-6 mm

3 mm

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## MAIN FEATURES

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

## APPEARANCE

Ivory white paste

## STORAGE

12 months in dry place, sheltered from frost and heat

## FIELDS OF USE

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



## SUBSTRATES

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

## NATURE OF THE PRODUCT

TK-1000 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](http://www.technokolla.com).

## OPERATIONS PRIOR TO APPLICATION

Small hollows in the surfaces must be leveled.

In this case, use RASO or RASORAPID respectively 24 h and 6 h before fixing the tiles. If the surface is gypsum-based, apply a coat of PRIMER-T 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.



## RECOMMENDED ACCESSORIES



**443313**

Stainless steel trowel 6 mm triangular serrations



**437188**

28x12 cm trowel stainless steel 3 mm square serrations



**437203**

Mini trowel in PVC

## HOW TO PREPARE THE MIXTURE

TK-1000 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.

## WARNINGS AND RECOMMENDATIONS

### Do not use:

- on floors
- outdoors
- in places with a high degree of humidity
- in places used to contain water
- between two non-absorbent materials (use TECHNO-ONE or TECHNOS+ with TC-LAX)
- at temperatures less than 5°C or more than 35°C
- in layers more than 3 mm thick
- on porcelain stoneware in large sizes
- do not add anything to the product

## CONSUMPTION

Trowel	3x3 mm	6x6 mm
Tk-1000	2 kg/m <sup>2</sup>	3 kg/m <sup>2</sup>

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

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TECHNICAL DATA	VALUE	REQUIREMENT	STANDARD
pH	approx. 11.5		
Weight density	1,8		
Open time	30 min	° 30 min	EN 1346
Adjustability time	* approx. 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	1.5 N/mm <sup>2</sup>	° ≥ 1 N/mm <sup>2</sup>	EN 1324
Shearing bond after the action of heat	2.0 N/mm <sup>2</sup>	° ≥ 1 N/mm <sup>2</sup>	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 "D1TE ready to use adhesive paste according to standard EN 12004", such TECHNOKOLLA's TK-1000, which allows tiles to be fixed on gypsum substrates without use of PRIMER.

**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](http://www.technokolla.com).

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