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TECHNOS

Ultra-white powder adhesive for laying ceramic tiles.

bonding agents and adhesives

TECHNOKOLLA





31±1%



5-35°C



20 min



6-10 mm



6 h



6 mm

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MAIN FEATURES

Monocomponent
No creep
Optimum workability

APPEARANCE

Ultra-white powder

STORAGE

12 months in dry place

FIELDS OF USE

- Fixing, on indoor walls and floors, small-size absorbent tiles such as: cotto, twice-fired, single-fired ceramic.

SUBSTRATES

Cement-based plaster, cement-lime mortar, gypsum-based plaster¹, anhydrite screeds¹, cement-based screeds, concrete.

¹ after application of PRIMER-T

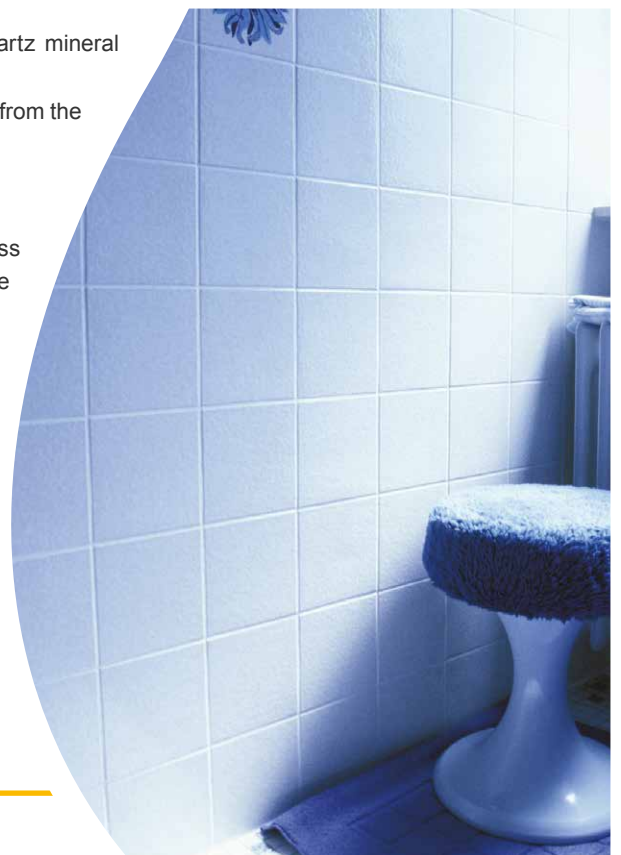
NATURE OF THE PRODUCT

TECHNOS 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

Small localized hollows or gravel pockets in concrete can be leveled (thickness not more than 3 mm) with TECHNOS 24 h prior to fixing. If thicker layers are required, use RASO, GAP or GAP-R before fixing tiles.



RECOMMENDED ACCESSORIES



437145
Blender 1200



437181
437183



437204
White rubber mallet



437189
28x12 cm trowel stainless steel
8 mm square serrations



437200
28x12 cm trowel stainless steel
10 mm square serrations

HOW TO PREPARE THE MIXTURE

Blend TECHNOS with approximately 7.9 l of clean water per bag (31±1%) until mixture is homogeneous and lump-free. It is advisable to use blender at low speed (approx. 500 rpm) as high speed will reduce the mechanical characteristics of the product.

Wait 3 minutes, then stir the product briefly again before applying. The creamy paste obtained can be easily applied by trowel and possesses optimum thixotropy.

WARNINGS AND RECOMMENDATIONS

Do not use:

- on concrete, plasterboard, old ceramic floors, wood, vinyl flooring, metal.
- for large tiles
- outdoors
- at temperatures less than 5°C or more than 35°C
- in coats more than 6 mm thick
- on RASOLASTIK or RASOGUM

CONSUMPTION

Trowel	6x6 mm	8x8 mm	10x10 mm
Technos	3 kg/m ²	4 kg/m ²	5 kg/m ²

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

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TECHNICAL DATA	VALUE	REQUIREMENT	STANDARD
Curing time	10 min		
Pot life	*6 h		
Open time	*20 min	°20 min	EN 1346
Adjustability time	*Approx. 45 min		
Treadable	*After 24-36 h		
Floor tiles can be grouted	*After 24-36 h		
Wall tiles can be grouted	*After 4-6 h		
Surface can be used	*After 14 days		
Creep on vertical wall	≤ 0.5 mm	°≤ 0.5 mm	EN 1308
Initial tensile strength	1.2 N/mm ²	°≥ 0.5 N/mm ²	EN 1348
Tensile strength after immersion in water	0.5 N/mm ²	°≥ 0.5 N/mm ²	EN 1348

° 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 floor and wall tiles must be fixed with class "C1T cement-based powder adhesive according to standard EN 12004", such as TECHNOKOLLA's TECHNOS, which can be applied in layers up to 6 mm thick on cement-based substrates.

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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