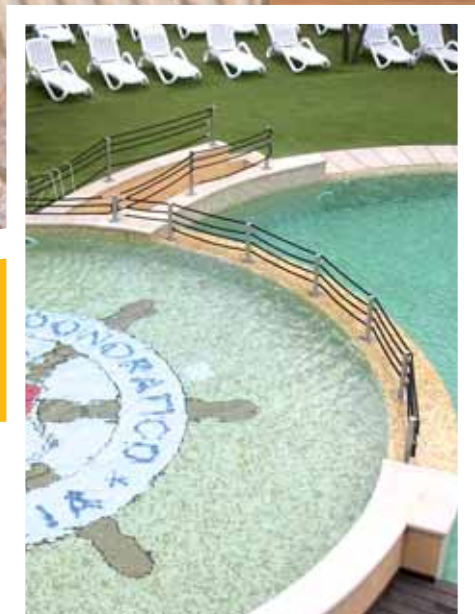


technomos

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TECHNOMOS

Ultra-white, self-grouting powder adhesive, particularly suitable for laying vitreous mosaic.

bonding agents and adhesives

TECHNOKOLLA





33±1%



5-35°C



30 min



3-8 mm



6 h



4 mm



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MAIN FEATURES

- Self-grouting
- Monocomponent
- Optimum workability
- Frost proof
- Extended open time

APPEARANCE

Ultra-white powder

STORAGE

12 months in dry place

FIELDS OF USE

- Fixing vitreous mosaic outdoors, indoors and in swimming pools, on walls and floors.
- To fix vitreous mosaic on net backing in swimming pools, dilute TC-LAX with water in 1:1 ratio. Blend TECHNOMOS with obtained mixture. The resulting product provides an extremely tenacious bond and is highly flexible while maintaining the creamy consistency obtained when only water is used for mixing.
- Fixing ceramic tiles of all types outdoors and indoors on walls and floors.
- Suitable for use when high performance is required, such as: on top of old ceramic tiles indoors, in swimming pools or on façades.
- Fixing on water heating screeds.

SUBSTRATES

Cement-based plaster, cement-lime mortar, gypsum-based plaster¹, anhydrite screeds¹, cement-based screeds, concrete, aerated concrete, old ceramic floors, old linoleum floors², PVC² or vinyl², plasterboard, RASOLASTIK range and RASOGUM.

¹ after application of PRIMER-T

² after application of PRIMER-101

NATURE OF THE PRODUCT

TECHNOMOS 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 TECHNOMOS 24 h prior to fixing. If thicker layers are required, use RASO or GAP-R respectively 24 h and 6 h before fixing the tiles.

bonding agents and adhesives



RECOMMENDED ACCESSORIES



437145
Blender 1200



437148



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 TECHNOMOS with approximately 8.25 l of clean water per bag (33±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 5-10 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

It is always advisable to apply two coats when laying 900 cm² tile sizes or larger.

Do not apply directly onto:

- wood, metal
- old tiles outdoors

Do not use:

- as grouting in swimming pools (use EPOSTUK or, alternatively, TECHNOSTUK G.F. or TECHNOCOLORS mixed with TC-STUK).
- at temperatures less than 5°C or more than 35°C
- in coats more than 4 mm thick

CONSUMPTION

Trowel	3x3 mm	6x6 mm	8x8 mm
Technomos	2 kg/m ²	3 kg/m ²	4 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	*30 min	°30 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 (21 days for tanks and swimming pools)		
Creep on vertical wall	≤ 0.5 mm	°≤ 0.5 mm	EN 1308
Initial tensile strength	1.9 N/mm ²	°≥ 1 N/mm ²	EN 1348
Tensile strength after the action of heat	1.4 N/mm ²	°≥ 1 N/mm ²	EN 1348
Tensile strength after immersion in water	1.0 N/mm ²	°≥ 1 N/mm ²	EN 1348
Bond after freezing/thawing cycles	1.8 N/mm ²	°≥ 1 N/mm ²	EN 1348

° 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

Vitreous mosaic floor and wall tiles must be fixed with class "C2TE cement-based powder adhesive according to standard EN 12004", such as TECHNOKOLLA's TECHNOMOS, which can be applied in layers up to 4 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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