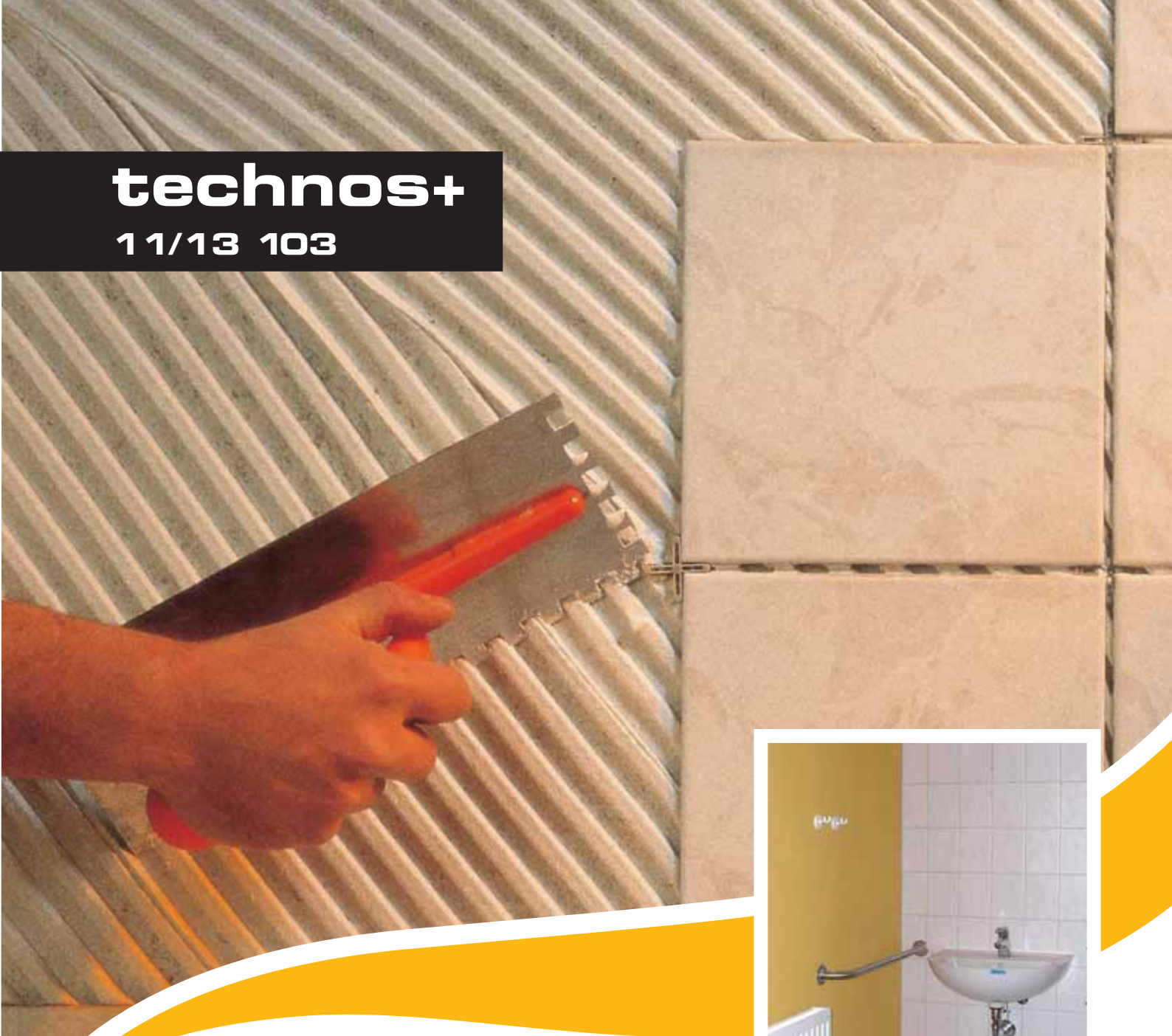


technos+
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TECHNOS+

White and grey powder adhesive for fixing ceramic tiles of all types.

**bonding agents
and adhesives**





26.5±1% grey
27.5±1% white



5-35°C



20 min



6-10 mm



6 h



6 mm

technos+



EN 12004



EN 12004



EN 12004
with TC-LAX



EN 12004
with TC-LASTIC



MAIN FEATURES

Monocomponent
Frost proof
Optimum workability

APPEARANCE

White or grey powder

STORAGE

12 months in dry place

FIELDS OF USE

- Fixing ceramic tiles of all types on walls and floors, outdoors and indoors.
- Spot-glueing insulating panels made of polystyrene, polyurethane foam, rock or glass wool.
- For further applications, consult "Warnings and recommendations" use with latex.

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 no more than 5 mm) with TECHNOS+ 24 h prior to fixing. If thicker layers are required, use RASO, GAP or GAP-R before fixing tiles.

HOW TO PREPARE THE MIXTURE

Blend grey TECHNOS+ with approximately 6.6 l. of clean water (26.5±1%).

Blend white TECHNOS+ with approximately 6.9 l. of clean water (27.5±1%).

Blend 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.

bonding agents and adhesives



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

WARNINGS AND RECOMMENDATIONS

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

Do not use:

- on aerated or precast concrete, plasterboard, old ceramic floors, wood, vinyl flooring, metal,
- on products from the RASOLASTIK range or RASOGUM
- for fixing on facades
- at temperatures less than 5°C or more than 35°C
- in layers more than 6 mm thick
- on porcelain stoneware in large sizes

Use TECHNOS+ with TC-LAX (about 6.75 l per 25 kg bag) class C2 S1 in the following cases:

- fixing tiles on old floors, also outdoors
- fixing porcelain stoneware in large sizes
- aerated concrete
- fixing on facades
- fixing natural stone and marble, so long as they are not affected by water or liable to stain
- fixing in industrial environments.
- on electrically or water-heated screeds
- tile laying in swimming pools

Use TECHNOS+ with TC-LASTIC (about 7 l per 25 kg bag) class C2 S2 in the following cases:

- fixing porcelain stoneware in large sizes, indoors and outdoors
- fixing on facades
- fixing natural stone and marble, so long as they are not affected by water or liable to stain
- fixing on products from the RASOLASTIK range or RASOGUM
- on electrically or water-heated screeds
- tile laying in swimming pools

CONSUMPTION

	6x6 mm	8x8 mm	10x10 mm
Trowel			
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.

technos+

TECHNICAL DATA	VALUE	REQUIREMENT	STANDARD
Curing time	10 min		
Pot life	*6 h		
Open time	*20 min	°20 min	EN 1346
Adjustability time	*Approx. 40 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		
	GREY	WHITE	
Initial tensile strength	1.2 N/mm ²	0.9 N/mm ²	° ≥ 0.5 N/mm ² EN 1348
Tensile strength after the action of heat	0.6 N/mm ²	0.6 N/mm ²	° ≥ 0.5 N/mm ² EN 1348
Tensile strength after immersion in water	0.9 N/mm ²	0.7 N/mm ²	° ≥ 0.5 N/mm ² EN 1348
Bond after freezing/thawing cycles	1.2 N/mm ²	0.7 N/mm ²	° ≥ 0.5 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

Ceramic floor and wall tiles must be fixed with class "C1 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.

The advice about technical matters in the technical data sheets, or given verbally or in writing by our personnel as part of our customer assistance service, is 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 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.



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