

technorap-2

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TECHNOKOLLA®

ADESIVO
CEMENTIZIO
RAPIDO A DUE
COMPONENTI

TWO COMPONENTS
RAPID HARDENING CEMENT

ZEMENTGEBUNDENER
2-KOMPONENTEN-SCHNELLKLEBER

TECHNORAP-2



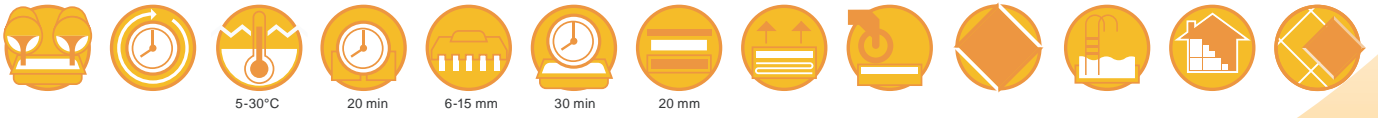
TECHNORAP-2

Quick-setting two-pack high-performance cementitious adhesive for fixing ceramic, refined porcelain stoneware and natural stone. Suitable for overlaying and on heating screeds.

bonding agents and adhesives

TECHNOKOLLA®





5-30°C

20 min

6-15 mm

30 min

20 mm

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MAIN FEATURES

- Rapid
- Two-pack
- High-deformability
- Frost proof
- No vertical slippage
- Layers up to 20 mm thick

ASPECT

White or grey powder

STORAGE

Powder: 6 months in a dry place
Liquid: 12 months sheltered from freezing temperatures and heat

FIELDS OF USE

- Quick-fixing floor and wall tiles outdoors and indoors, also of large format.
- Quick-fixing stone materials, also those liable to staining and with a slight tendency to warping.
- Suitable for use when high performances are required, such as: tile fixing in industrial environments, in swimming pools or on façades.
- Fixing marble compounds indoors, with an average sensitivity to water*.
- Fixing on heating floors
- Spot-gluing insulating panels made of polystyrene, polyurethane foam, rock or glass wool and cork.
- Laying on old ceramic tiles, also outdoor, without the use of any primer.
- Suitable for laying of grès porcelain slabs with slim thickness.

* Compound materials up to 60x60 in size can only be fixed indoors.

SURFACES

Cement plasters, cement lime mortars, gypsum-based plasters¹, anhydrite screeds¹, concrete, aerated concrete, old ceramic floors, old PVC floors², old vinyl floors², plasterboard, Rasolastik range, Rasogum.

¹ after application of PRIMER-T
² after application of PRIMER-101

NATURE OF THE PRODUCT

TECHNORAP-2 mainly consists of high-strength cements, selected silicon/quartz mineral charges and specific additives.
Ask our technical department for the safety brief for further information or download it from our web-site www.technokolla.com.

bonding agents and adhesives



RECOMMENDED ACCESSORIES



TKW 407
Blender 1200



TKW 411
TKW 412



TKW 462
Rubber mallet



TKW 111
Trowel 8x8 mm



TKW 121
Trowel 10x10 mm



TKW 181
Round trowel Ø 15 mm

OPERATIONS PRIOR TO FIXING

Small localized hollows or gravel pockets in the case of concrete can be levelled (no more than 10 mm thick) with TECHNORAP-2 4-6 h prior to fixing.

HOW TO PREPARE THE MIXTURE

TECHNORAP-2 is prepared by mixing the powder (25 kg bag – grey powder – or 22 kg bag – white powder) with latex (5.5 kg can) until a homogeneous, lump-free mixture is obtained. It is advisable to use a drill at low speed (approx. 500 rpm) as a high speed will reduce the mechanical characteristics of the product. The product obtained is a creamy paste that can be easily applied with a trowel and that possesses at optimum thixotropy. The mixture must be used immediately.

WARNINGS AND RECOMMENDATIONS

- It is always advisable to lay in double spread with formats $\geq 900 \text{ cm}^2$

Do not apply:

- to metal
- at temperatures less than 5°C or more than 30°C
- in layers more than 20 mm thick

AMOUNT REQUIRED

	6x6 mm	8x8 mm	10x10 mm	Ø 15 mm
Trowel				
Technorap-2	3,6 Kg/m ²	4,5 Kg/m ²	6 Kg/m ²	7,5 Kg/m ²

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

technorap-2

TECHNICAL SPECIFICATIONS	VALUE	REQUISITE	NORMA
Curing time	3 min		
Pot life	*30 min		
Open time	*20 min	°20 min	EN 1346
Adjustability time	*Approx. 30 min		
Can be subjected to traffic	*After 4-6 h		
Floor tiles can be grouted	*After 4-6 h		
Wall tiles can be grouted	*After 2 h		
Surface can be used	*After 24 h (72 h tanks and swimming pools)		
Creep on a vertical wall	0 mm	°≤ 0,5 mm	EN 1308
Bond after 6 h	1,5 N/mm ²	°> 0,5 N/mm ²	EN 1348
Initial tensile bond	2,8 N/mm ²	°≥ 1 N/mm ²	EN 1348
Tensile bond after the action of heat	3,0 N/mm ²	°≥ 1 N/mm ²	EN 1348
Tensile bond after immersion in water	1,5 N/mm ²	°≥ 1 N/mm ²	EN 1348
Bond after freezing/thawing cycles	1,6 N/mm ²	°≥ 1 N/mm ²	EN 1348
Transversal warping	> 3 mm	> 2,5 mm	EN 12002
Compressive strength	28 N/mm ²		EN 196

° 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 floor and wall tiles must be fixed with a class “C2FT cementitious powder adhesive according to standard EN 12004”, such as the TECHNORAP-2 type by TECHNOKOLLA, which can be applied in layers up to 20 mm thick on cementitious 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.

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