

# technorap-2

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# HNOKOLLA®

ADESIVO  
CEMENTIZIO  
RAPIDO A DUE  
COMPONENTI

TWO COMPONENTS  
RAPID HARDENING CEMENT

ZEMENTGEBUNDENER  
2-KOMPONENTEN-SCHNELLKLEBER

## TECHNORAP-2



### TECHNORAP-2

High performance, quick-setting two-component adhesive for fixing large ceramic and marble tiles. Suitable for over-tiling and on heating screeds.

## bonding agents and adhesives

**TECHNOKOLLA®**





## RECOMMENDED ACCESSORIES



Blender



White rubber mallet



28x12 cm trowel stainless steel  
8 mm square serrations



28x12 cm trowel stainless steel  
10 mm square serrations



28x12 cm trowel stainless steel  
Ø 15 mm rounded serrations

### NATURE OF THE PRODUCT

TECHNORAP-2 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 localized hollows or gravel pockets in the case of concrete can be leveled (not more than 10 mm thick) with TECHNORAP-2 4-6 h prior to fixing.

### HOW TO PREPARE THE MIXTURE

Blend TECHNORAP-2 by mixing the powder (22 kg bag – white powder) with the latex (5.5 kg can) 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. The creamy paste obtained can be easily applied by trowel and possesses optimum thixotropy. The mixture can be used immediately.

### WARNINGS AND RECOMMENDATIONS

It is always advisable to apply two coats when laying tile sizes measuring 900 cm<sup>2</sup> or larger.

#### Do not apply to:

- metal

#### Do not use:

- at temperatures less than 5°C or more than 30°C
- in coats more than 20 mm thick

### CONSUMPTION

Trowel	6x6 mm	8x8 mm	10x10 mm	Ø 15 mm
Technorap-2	3.6 kg/m <sup>2</sup>	4.5 kg/m <sup>2</sup>	6 kg/m <sup>2</sup>	7.5 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
Curing time	0 min		
Pot life	*30 min		
Open time	*20 min	°20 min	EN 1346
Treadable	*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 vertical wall	≤ 0.5 mm	°≤ 0.5 mm	EN 1308
Transverse deformation	2,7 mm	> 2.5 mm	EN 12002
Compressive strength	28 N/mm <sup>2</sup>		EN 196
Bond after 6 h	~0.8 N/mm <sup>2</sup>	°> 0.5 N/mm <sup>2</sup>	EN 1348
Initial tensile strength	~3.0 N/mm <sup>2</sup>	°≥ 1 N/mm <sup>2</sup>	EN 1348
Tensile strength after the action of heat	~2.9 N/mm <sup>2</sup>	°≥ 1 N/mm <sup>2</sup>	EN 1348
Tensile strength after immersion in water	~2.5 N/mm <sup>2</sup>	°≥ 1 N/mm <sup>2</sup>	EN 1348
Bond after freezing/thawing cycles	~2.7 N/mm <sup>2</sup>	°≥ 1 N/mm <sup>2</sup>	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.

## EMICODE

### Emission class

### r.p. No. Eurofins

EC1 Plus

392-2013-00019205\_A\_1

## SPECIFICATION

Ceramic floor and wall tiles must be fixed with class "C2FT S1 cement-based powder adhesive according to standard EN 12004", such as TECHNOKOLLA's TECHNORAP-2, which can be applied in layers up to 20 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](http://www.technokolla.com).

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