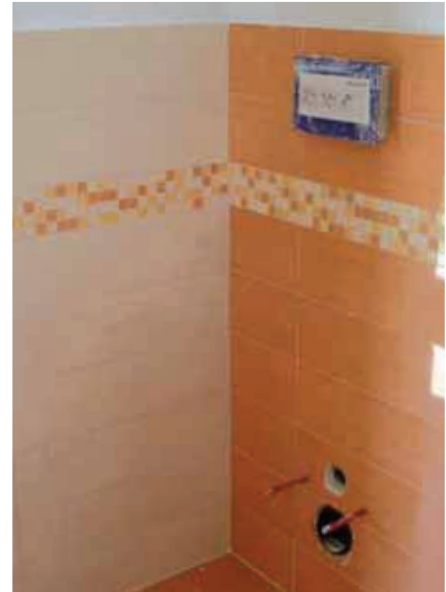


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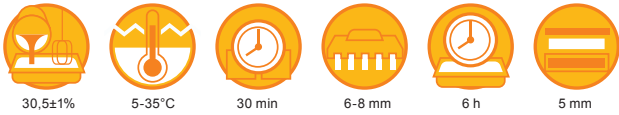
## TECHNO-PLATRE

One-pack white powder adhesive to be used in a thin layer for fixing ceramic wall and floor tiles on prepared plaster surfaces based on gypsum, scagliola, plastered bricks, without prior application of PRIMER.

**bonding agents  
and adhesives**

**TECHNOKOLLA®**





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## MAIN FEATURES

- One-pack adhesive
- Longer open time
- Optimum workability
- Can be applied straight on to gypsum

## APPEARANCE

White powder

## STORAGE

12 months in a dry place

## FIELDS OF USE

Fixing absorbent and non-absorbent floor and wall tiles indoors. The tiles can be made of: cotto, twice-fired, single-fired tiles, split tiles and refined porcelain stoneware.

## SUBSTRATES

Gypsum, gypsum-based or cement-based plaster, cement-lime mortar.

## NATURE OF THE PRODUCT

TECHNO-PLATRE 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 website [www.technokolla.com](http://www.technokolla.com).

## OPERATIONS PRIOR TO FIXING

Small localized hollows or gravel pockets in the case of concrete can be levelled (no more than 5 mm thick) with TECHNO-PLATRE 24 h prior to fixing. If thicker layers are required, use RASO or RASORAPID respectively 24 h and 6 h before fixing the tiles.



## RECOMMENDED ACCESSORIES



**TKW 407**  
Blender 1200



**TKW 411**  
**TKW 412**



**TKW 462**  
Rubber mallet



**TKW 111**  
Trowel 8x8 mm

### HOW TO PREPARE THE MIXTURE

TECHNO-PLATRE should be mixed with about 7.6 l of clean water per bag (30.5±1%) until a homogeneous, lump-free mixture is obtained. It is advisable to use a stirrer at low speed (approx. 500 rpm) as a high speed will reduce the mechanical characteristics of the product. Wait 5-10 minutes, then stir the product briefly again and start fixing the tiles. The product obtained is a creamy paste that can be easily applied with a trowel and that possesses at optimum thixotropy.

### WARNINGS AND RECOMMENDATIONS

#### Do not apply:

- to non-absorbent surfaces in general
- to plasterboard
- outdoors
- at temperatures less than 5°C or more than 35°C
- in layers more than 5 mm thick
- on anhydrite substrates
- to porcelain stoneware in medium-sized or large formats

### AMOUNT REQUIRED

Trowel	6x6 mm	8x8 mm
Techno-platre	3 kg/m <sup>2</sup>	4 kg/m <sup>2</sup>

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

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TECHNICAL SPECIFICATIONS	VALUE	REQUISITE	STANDARD
Curing time	10 min		
Pot life	*6 h		
Open time	*30 min	°30 min	EN 1346
Adjustability time	*Approx 50 min		
Treadable	*After 24-36 h		
Wall tiles can be grouted	*After 24-36 h		
Floor tiles can be grouted	*After 4-6 h		
Surface can be used	*After 14 days		
Initial tensile bond	1.8 N/mm <sup>2</sup>	°≥ 1 N/mm <sup>2</sup>	EN 1348
Tensile bond after immersion in water	1.3 N/mm <sup>2</sup>	°≥ 1 N/mm <sup>2</sup>	EN 1348
Compressive strength	12 N/mm <sup>2</sup>		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 “C1E cement-based powder adhesive according to standard EN 12004”, such as the TECHNO-PLATRE type by TECHNOKOLLA, which allowed tiles to be fixed on gypsum substrates without the use of PRIMER.

**Technokolla** reminds you to examine the “**notes**” document that completes the information in this data sheet. The document can be downloaded from the web site [www.technokolla.com](http://www.technokolla.com) in pdf format.

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**Technokolla S.p.A.**

Via Radici in Piano, 558  
41049 Sassuolo (MO) • Italy

Tel. +39 0536 862269  
Fax +39 0536 862660

[www.technokolla.com](http://www.technokolla.com)  
[info@technokolla.com](mailto:info@technokolla.com)