

**all 9000**

**04/11 102**



**ALL 9000**

High-performance two-pack universal adhesive. Particularly suitable for fixing natural stone and marble affected by the damp.

**bonding agents  
and adhesives**





# all 9000



## MAIN FEATURES

- Two-pack (A+B)
- Optimum workability
- No creep
- High performance
- Extremely flexible

## APPEARANCE

COMP. A: viscous white paste      COMP. B: straw coloured liquid

## STORAGE

12 months in a dry place

## FIELDS OF USE

- Fixing ceramic tiles of all types and formats to difficult substrates or ones liable to warp.
- Fixing natural stone affected by humidity, composite marble.
- For fixing vitreous mosaic.
- Fixing ceramic tiles to kitchen surfaces or work tops, to wood or iron substrates.
- Laying on heating screeds.



## SUBSTRATES

Metal, PVC, rubber, levelled surfaces, plastered surfaces or gypsum-based panels, anhydrite screeds, plasterboard, wood, cement-based plaster, asbestos cement, concrete, cement and lime mortar, cement-based screeds, old ceramic tiles, polystyrene.

## NATURE OF THE PRODUCT

ALL 9000 contains elastomeric polyurethane resins, selected quartz mineral charges, specific additives.

Ask our technical department for the safety brief for further information.

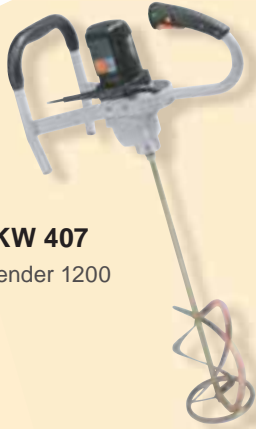
## HOW TO PREPARE THE MIXTURE

ALL 9000 is a "reactive" adhesive. This means that it sets through a chemical reaction between the two components, A and B. It is therefore very important to ensure that these components are thoroughly mixed together. Proceed by pouring the liquid (comp. B) on to the paste (comp. A), then stir with a blender fitted with a preferably spiral whisk. The reaction developed by these products is exothermic (heat develops). Remember that if the components are stirred at high speed, the heat developed will considerably speed up the hardening process and, thus, shorten the time the product can be worked.

## bonding agents and adhesives



## RECOMMENDED ACCESSORIES



**TKW 407**  
Blender 1200



**TKW 410**



**TKW 456**  
Trowel 3x3 mm



**TKW 457**  
Trowel 6x6 mm

### FIXING OPERATIONS

For normal use, the product can be applied with a suitable serrated trowel (serrations of not more than 7 mm with ALL 9000). The open time is very long (about 120 min), while the mixture remains creamy and thoroughly workable for 50 minutes. If possible, it is therefore best to apply the product immediately to a surface that will be clad within the useful open time. Press the tile down to make sure that it contacts the adhesive in a sufficient way (at least 60% of the surface).

### RECOMMENDED ACCESSORIES

The tools used with ALL 9000 can be easily cleaned with spirits whilst the product is still fresh. Once it has hardened, it can only be scraped off .

### WARNINGS AND RECOMMENDATIONS

#### Do not apply:

- in swimming pools
- at temperatures less than 10°C or more than 35°C
- in layers more than 4 mm thick

**Do not mix** portions of the product. Use it all.

Ask the manufacturer for information if the product **must be applied** outdoors with composite marble in resin.

### AMOUNT REQUIRED

Trowel	3x3 mm	6x6 mm
All 9000	2.5 kg/m <sup>2</sup>	3 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	REQUIREMENT	STANDARD
Weight density	1.5 Kg/l		
Open time	*120 min	20 min	EN 1346
Mixture remains usable for	*50 min		
Adjustability	*180 min		
Floor tiles can be grouted after	*12 h		
Surface can be used	*After 7 days		
Creep on a vertical wall	0 mm	< 0.5 mm	EN 1308
Initial bond	3.2 N/mm <sup>2</sup>	°> 2 N/mm <sup>2</sup>	EN 12003
Bond after the action of water	2.1 N/mm <sup>2</sup>	°> 2 N/mm <sup>2</sup>	EN 12003
Bond after thermal shock	2.2 N/mm <sup>2</sup>	°> 2 N/mm <sup>2</sup>	EN 12003
Flexibility	High		
Thermal resistance	from - 40°C to +120°C		

° 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 and/or natural stone cladding that is affected by the damp must be fixed with a white two-pack polyurethane adhesive of the ALL 9000 type by TECHNOKOLLA. This product can also be used for gluing on metal surfaces.

**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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## 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)