

all 9000

11/12 102



ALL 9000

Universal high-performance bicomponent adhesive.

Particularly suitable for fixing natural stone and marble affected by damp.

**bonding agents
and adhesives**





all 9000



MAIN FEATURES

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

APPEARANCE

COMP. A: viscous white paste COMP. B: yellow liquid

STORAGE

12 months in dry place

FIELDS OF USE

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

SUBSTRATES

Metal, sanded surfaces, rubber, plastered surfaces or gypsum-based panels, anhydrite slabs, 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. For further details, ask the technical office for the safety brief or download it from the web site www.technokolla.com.

HOW TO PREPARE THE MIXTURE

ALL 9000 is a "reactive" adhesive. This means that it sets through chemical reaction between two components, A and B. It is very important to thoroughly mix these components together.

Start by pouring the liquid (comp. B) onto the paste (comp. A), then stir using a blender with a spiral whisk attachment. 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

437145

Blender 1200



437180



443312

3x3 mm trowel



443313

6x6 mm trowel



APPLICATION OPERATIONS

For normal use, apply the product with a serrated trowel (serrations 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 best to apply the product immediately to surfaces that will be tiled within the useful open time. Press the tile down to make sure that at least 60% of its surface is covered by adhesive.

RECOMMENDED ACCESSORIES

Tools used with ALL 9000 can be easily cleaned with spirit cleaner while the product is fresh, but this can only be scraped off once hardened.

WARNINGS AND RECOMMENDATIONS

Do not apply:

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

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

Ask the manufacturer if composite marble in resin must be laid outdoors.

CONSUMPTION

Trowel	3x3 mm	6x6 mm
All 9000	2.5 kg/m ²	3 kg/m ²

Consumption data refer to sole use of a trowel on flat substrates.

all 9000

TECHNICAL DATA	VALUE	REQUIREMENT	STANDARD
Weight density	approx. 1.6 kg/l		
Open time	*120 min	20 min	EN 1346
Pot life (400 g)	*160-180 min		
Adjustability	*180 min		
Floor tiles can be grouted after	*12 h		
Ready for use	*7 days		
Creep on vertical wall	≤ 0.5 mm	< 0.5 mm	EN 1308
Initial bond	3.2 N/mm ²	°> 2 N/mm ²	EN 12003
Bond after action of water	2.1 N/mm ²	°> 2 N/mm ²	EN 12003
Bond after thermal shock	2.2 N/mm ²	°> 2 N/mm ²	EN 12003
Flexibility	High		
Thermal resistance	from - 40°C to +120°C		

° according to standard "EN 12004"

* 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 and/or natural stone cladding affected by damp must be fixed with white polyurethane bicomponent adhesive such as TECHNOKOLLA's ALL9000. This product must also be used for glueing to 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 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.



Sika Italia S.p.A.

Registered Office and Administrative Headquarters: Via L. Einaudi 6,
20068 Peschiera Borromeo (MI)

Sassuolo Plant (MO): Via Radici in Piano 558, Postal Code 41049

Tel: +39 0536 809711 Fax: +39 0536 809729 www.technokolla.com