

**rasogum**

**02/16 139**



**RASOGUM**

Ready to use waterproofing paste in watery dispersion.

**waterproofing  
products**





5-35°C

Brush/  
Smooth trowel/  
Spray gun/  
Roller

# rasogum



## APPEARANCE

Viscous paste in white or manhattan colours

## STORAGE

12 months in dry place, protected from frost

## FIELDS OF USE

- Waterproofing indoor plastered surfaces, gypsum or plasterboard panels and screeds on walls and floors prior to fixing tiles in bathrooms, showers or very damp places.
- Coating for preventing cracks from forming in vertical surfaces both indoors and outdoors.
- Permanent encapsulation of asbestos cement (after applying PRIMERGUM at least 2 hours beforehand).
- For single-coat application as adhesion-promoting primer on the remains of old vinyl or polyurethane adhesives prior to glueing tiles on indoor surfaces using cement-based adhesives.
- Coating for preventing cracks in indoor substrates where small cracks (<1 mm) are liable to form, prior to laying ceramic tiles or natural stone materials.
- Waterproofing gutters, eaves, etc.



## SUBSTRATES

Cement-based plaster<sup>(2)</sup>, cement-lime mortar<sup>(2)</sup>, concrete<sup>(2)</sup>, cement-based screeds<sup>(2)</sup>, screeds in anhydrite<sup>(2)</sup>, gypsum<sup>(2)</sup>, plasterboard<sup>(2)</sup>, wood<sup>(1)</sup>, old tiles<sup>(1)</sup>, vinyl floors<sup>(1)</sup>.

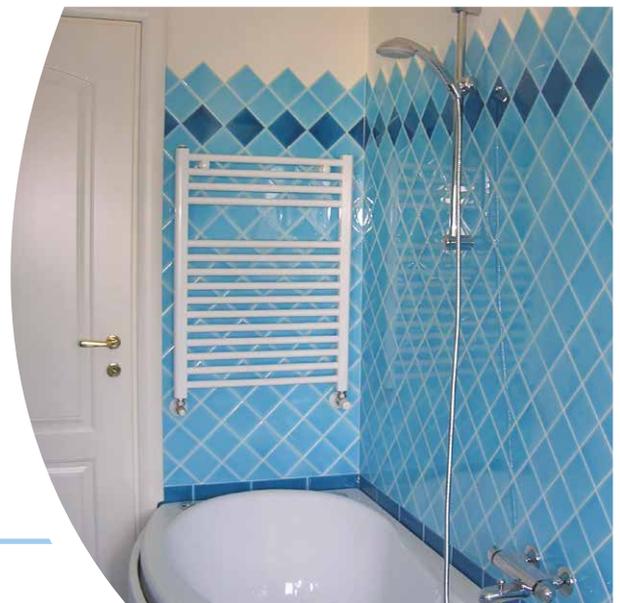
TYPE OF PRIMER	TYPE OF APPLICATION	CONSUMPTION (g/m <sup>2</sup> )	DRYING TIME
(1) PRIMERGUM	brush or roller	100-200	1 h (dry to the touch)
(2) PRIMER-T	brush or roller	150-200	2 h (dry to the touch)

## NATURE OF THE PRODUCT

RASOGUM contains organic copolymers in watery dispersion 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).

## CONSUMPTION

1.4-1.5 kg/m<sup>2</sup> per mm of thickness



## RECOMMENDED ACCESSORIES



**437187**

28x12 smooth stainless steel trowel



**437094**

RASOLASTIK NET



**437299**

Strip RL 80 S



**437337**

Strip RL 120

### OPERATIONS PRIOR TO APPLICATION

It is very important to make sure that there is no rising damp in the walls or screeds. In this case, RASOGUM can only be applied after the cause has been eliminated and when the saline bloom has been removed from the surface.

SUBSTRATE	MINIMUM TIME INTERVAL PRIOR TO APPLICATION	MAX RESIDUE HUMIDITY %
KRONOS screeds	5 days	6
TIMER-2 screeds	24 h	6
Cement-based screeds	28 days	6
Cement-based plaster	3 weeks	5
Concrete	3 months	5

If substrate is new, it is very important to know exactly how it has been weathered and the degree of humidity. The more frequent cases with their relative ageing periods are listed in the table below. When the number of days and the humidity rate are both indicated, remember that both conditions must be complied with. If substrate has been weathered but subjected to heavy rainfall, wait until its humidity rate has returned to within the value given in the table.

### HOW TO PREPARE SUBSTRATES FOR WATERPROOFING

First apply adhesive sealing strip RL 120 in all the "wall/floor" and "wall/wall" corners. Sealing strip RL 80 S must also be applied on a level with all technical service points, such as: drains, delivery ports, etc.

### HOW TO PREPARE THE MIXTURE

After brief stirring, the product is ready for use.

### APPLICATION

Apply product with a smooth steel trowel, brush or short-fleeced roller. Make sure that product makes perfect contact with the substrate and that this latter slopes correctly to prevent water from stagnating. Apply RASOGUM in two coats, the second 3-4 h after the first. Bury RASOLASTIK-NET in the first coat when using RASOGUM to prevent cracks from forming. The overall thickness of the two coats of dry product must be at least 1 mm.

### WARNINGS AND RECOMMENDATIONS

- Primergum must be blended until it is completely homogeneous before use
- substrates waterproofed with RASOGUM must slope to a suitable degree to allow water to flow off
- do not use on substrates subject to rising damp
- do not use in places constantly immersed in water, such as tanks or swimming pools. Use RASOLASTIK, RASOLASTIK ADV HD or RASOLASTIK EVO
- product is not treadable if left exposed
- do not add anything to the product that is not specified in this data sheet

# rasogum

TECHNICAL DATA	VALUE	STANDARD
Appearance	Viscous paste	
Colour	White - Manhattan	
pH	8.5	
Brookfield viscosity (impeller rv6-5 rpm)	150,000 cps	
Weight density	1.45 g/cm <sup>3</sup>	
Maximum thickness per coat	1 mm	
Minimum thickness of dry film	1 mm	
Complete setting	7 days	
Can be tiled after	*24-48 h	
Temperature during application	min. +5°C, max +35°C	
Thermal resistance	from -30°C to +80°C	
ADHESION VALUES WITH TECHNOSTAR		
initial	1.35 N/mm <sup>2</sup>	EN 1348
After the action of water	0.80 N/mm <sup>2</sup>	EN 1348 modified SPEC (CSTB)
After the action of heat	1.46 N/mm <sup>2</sup>	EN 1348
Ultimate elongation		
After 28 days at 23°C	68.9%	SPEC (CSTB)
After 14 days at 23°C +14 days in water 23°C + 1 day at 23°C	89.3%	SPEC (CSTB)
After 14 days at 23°C +14 days in water 45°C + 1 day at 23°C	113.4%	SPEC (CSTB)

\* these times refer to a temperature of 23°C-50% R.H.. They are shorter at higher temperatures and longer at lower temperatures.

## SPECIFICATION

The waterproofing layer must be formed by monocomponent, elastic, liquid sheath such as TECHNOKOLLA's RASOGUM, applied in two coats.

**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).

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](http://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](http://www.technokolla.com)