

# rasogum

08/10 139



## RASOGUM

Ready to use waterproofing paste  
in a watery dispersion.

## waterproofing

**TECHNOKOLLA**





5-35°C



Brush/  
Smooth  
trowel/  
Sprayer

# rasogum



## ASPECT

Viscous white or manhattan coloured paste

## STORAGE

12 months in a dry place, protected against freezing

## 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.
- As a coat 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 application in a single coat as bonding primer on the remains of old vinyl or polyurethane adhesives prior to gluing tiles with cement-base adhesives indoors.
- As a coat for preventing cracks in indoor substrates where small cracks (<1 mm) are liable to form, prior to laying ceramic tiles or natural stone cladding.
- Waterproofing gutters, eaves, etc.



## SUBSTRATES

Cement-based plaster, cement lime mortar, concrete, cement-based screeds, 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	AMOUNT REQUIRED (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 copolymers of organic nature in watery dispersion and specific additives. Ask our technical department for the safety brief for further information or download it from our web site [www.technokolla.com](http://www.technokolla.com)

## AMOUNT REQUIRED

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



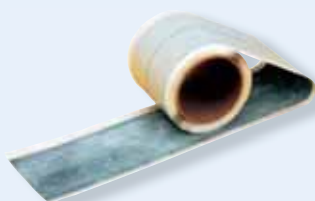
## RECOMMENDED ACCESSORIES



**TKW 155**  
28x12 Trowel



**TKW528**  
RASOLASTIK NET



**TKW 518**  
Strip RL 80



**TKW 520**  
Strip RL120

## OPERATIONS PRIOR TO APPLICATION

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

SURFACE	MINIMUM TIME TO WAIT BEFORE APPLICATION	MAX RESIDUE HUMIDITY %
KRONOS screeds	5 days	6
Screeds in TIMER-2	24 h	6
Cementitious screeds	28 days	6
Cement plaster	3 weeks	5
Concrete	3 months	5

If the 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 both the number of days and the humidity rate are indicated, remember that both conditions must be complied with. If the substrate has been weathered but has been subject to abundant rainfall, wait until its humidity rate has returned to within the value given in the table.

## HOW TO PREPARE THE SUBSTRATES

The first thing to do is to apply adhesive strip RL 80 S or RL120 in all the "wall/floor" and "wall/wall" corners. The strip should also be applied on a level with all the technical service points, such as: drains, lights, delivery ports, etc.

## HOW TO PREPARE THE MIXTURE

After brief stirring, the product is ready for use.

## APPLICATION OPERATIONS

The product can be applied with a smooth steel knife, a brush or short-haired roller. Make sure that the product achieves a perfect contact with the substrate and that this latter slopes to the correct degree to prevent water from stagnating.

Apply two coats of RASOGUM, the second coat 4-5 h after the first. For exterior areas, terraces or balconies, it is advisable to bury RASOLASTIK NET into the first layer. The overall thickness of the dry applied product must be not less than 1 mm.

## WARNINGS AND RECOMMENDATIONS

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

RASOGUM TECHNICAL SPECIFICATIONS		VALUE	STANDARD
Appearance		Viscous paste	
Colour		White - Manhattan	
pH		8.5	
Brookfield viscosity (impeller rv6-5 rpm)		100,000 cps	
Weight density		1.45 g/cc	
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	
FINAL PERFORMANCE			
Initial bond		≥1.0 N/mm <sup>2</sup>	EN 1348
Bond after the action of water		≥0.8 N/mm <sup>2</sup>	EN 1348 modified SPEC (CSTB)
Bond after the action of heat		≥1.0 N/mm <sup>2</sup>	EN 1348
Ultimate elongation			
After 28 days at 23°C		95%	SPEC (CSTB)
After 14 days at 23°C +14 days in water 23°C + 1 day at 23°C		90%	SPEC (CSTB)
After 14 days at 23°C +14 days in water 45°C + 1 day at 23°C		90%	SPEC (CSTB)

## SPECIFICATION

The waterproofing layer must consist of a one-pack, flexible, 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.

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