

raso

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RASO

Tixotropic cement-based thick
skimming plaster, in white or grey,
for the preparation of substrates.

**substrate
preparation**

TECHNOKOLLA®





raso



MAIN FEATURES

- One-pack compound
- Optimum workability
- Optimum bonding capacity
- Layers up to 10 mm thick
- Spreadable by a plaster layer

ASPECT

White or grey powder

STORAGE

12 months in a dry place

FIELDS OF USE

- Raso can be used as civil finishing of traditional or pre-mixed new and seasoned plaster backgrounds, based on calk or cement. For interiors and exteriors.
- Skimming of concrete-based walls.
- Realization of skimmings from 2 up to 10 mm before laying of ceramic tiles.

SURFACES

Cementitious plaster, cement-lime mortar, brickwork, concrete, cellular concrete blocks*.

* Layers no more than 5 mm thick and with fiber glass netting.

NATURE OF THE PRODUCT

RASO mainly consists of high-strength cements, selected silicon/quartz mineral charges, copolymers of an organic nature and specific additives. For further details, ask our technical office for the safety brief or download it from our web site www.technokolla.com.

APPLICATION

If the substrate is very absorbent, e.g. screeds or plaster made of sand and cement, it must be thoroughly dampened before being levelled (see the introductory part for more details).

substrate preparation



RECOMMENDED ACCESSORIES



437145
Blender 1200



437148
Circular



437187
Smooth trowel 28x12 cm

HOW TO PREPARE THE MIXTURE

RASO should be mixed with about 5 l. of clean water per 25 kg bag (20±1%) until a homogeneous, lump-free mixture is obtained. In case of particularly smooth substrates, such as pre-casted or cast-in-place concrete, the mixture can be made with TC-LAX and water in a 1:1 ratio, to allow RASO to bond with the substrate in a better way. In all cases, it is advisable to use a low speed blender (approx. 500 rpm) since a high speed will reduce the mechanical characteristics of the product. Wait about 5 minutes, then stir the product briefly again and start applying.

APPLICATION OPERATIONS

Apply the product with a smooth steel knife. Press the mortar well down on to the substrate to ensure a perfect bond. However, remember that on sunny days or if the surface is very absorbent, this latter must be wetted with plenty of water to prevent the product from drying out and failing to adhere well. It is not advisable to apply RASO with thicknesses more than 10 mm. Apply a second coat 4-6 h after the first.

This makes the product easier to work with and ensures a perfect bond to the surface.

WARNINGS AND RECOMMENDATIONS

- do not apply on concrete or vinyl floors, wood, ceramic, metal
- do not use on substrates subject to rising damp
- do not apply in layers more than 10 mm thick
- do not add anything to the product that is not specified in this brief
- do not use the product once it has started to set, adding water to make it more workable. Prepare a fresh mixture
- do not apply at temperatures lower than 5°C or higher than 35°C

AMOUNT REQUIRED

1,4-1,5 Kg/m² each mm of thickness

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TECHNICAL SPECIFICATIONS	VALUE	STANDARD	NORM
Aspect	White or grey powder		
Water used for mixing	5 lt per 25 kg bag		
Curing time	5 min		
Pot life	* 4 h		
Minimum thickness	2 mm		
Maximum thickness	10 mm		
Can be tiled after	*24-36 h		
Compressive strength after 3 days	6 N/mm ²		EN 13892-2
Compressive strength after 28 days	14 N/mm ²	≥ 12 N/mm ²	EN 13892-2
Bending strength after 28 days	4.5 N/mm ²	≥ 4 N/mm ²	EN 13892-2
Temperature during application	min +5°C max +30°C		

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

SPECIFICATION

The surfaces must be levelled with a cementitious based product to be mixed with water alone, that can be applied in layers up to 10 mm thick on both walls and floors, i.e. a product such as TECHNOKOLLA's RASO.

Technokolla reminds you to examine the **“notes” document** that completes the information in this data sheet. The document can be downloaded from our website www.technokolla.com in the pdf format.

The advice about technical matters and applications in the technical data sheets, or given verbally or in writing by our personnel as part of our customer assistance service, are 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 to 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.

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