

PLANITOP 600 RASAGESSO

Lime-gypsum skimming mortar for internal render



WHERE TO USE

Fine-textured skim coats for traditional or ready-mixed internal render before decorating the surface with a thin layer of mineral or synthetic paint or coating.

Some application examples

- Smoothing over internal lime, gypsum and cement-based render once adequately “cured” and “dry”.
- Finishing off traditional or ready-mixed render.
- Skimming the surface of gypsum, or clay-gypsum blocks.
- Grout for patching up small areas of the surface of old rendered walls after removing paint, wallpaper or textile wall coverings.
- Smoothing over render in rooms before hanging wallpaper or lightweight textile wall coverings.
- Fine-textured finishing coat over coarse-textured skimming compound.

TECHNICAL CHARACTERISTICS

Planitop 600 RasaGesso is a white, one-component, ready-mixed skimming compound made from hydrated lime, gypsum, ultra-fine marble powder, rheological additives and synthetic polymers according to a formula developed in the MAPEI research laboratories.

When **Planitop 600 RasaGesso** is mixed with water, its special composition and ultra-fine texture form a highly adhesive compound which flows smoothly when applied with a smooth, metal spreader.

Planitop 600 RasaGesso may be applied in layers up to 3 mm thick on cured render.

Coloured finishing products from the **Silancolor**, **Colorite** or **Dursilite** ranges may be applied 1 week after applying **Planitop 600 RasaGesso**.

Planitop 600 RasaGesso complies with Euronorm EN 13279-1 and is classified B3-20-2.

RECOMMENDATIONS

- Do not apply **Planitop 600 RasaGesso** on external surfaces.
- Do not apply **Planitop 600 RasaGesso** in damp rooms (bathrooms, kitchens, etc.).
- Do not apply **Planitop 600 RasaGesso** on damp render or on rendered walls with capillary rising damp.
- Do not apply **Planitop 600 RasaGesso** on de-humidifying render (use a skimming product from the **Mape-Antique** line or a coloured finish from the **Silexcolor** or **Silancolor** lines).
- Do not apply **Planitop 600 RasaGesso** on painted surfaces.
- Do not apply **Planitop 600 RasaGesso** if the temperature is lower than +5°C or higher than +35°C.
- Do not apply **Planitop 600 RasaGesso** on plastic coatings (use **Planitop 200** or **Planitop 210**).
- Do not add cement, lime, admixes or aggregates to **Planitop 600 RasaGesso**.
- Do not use **Planitop 600 RasaGesso** to smooth over horizontal surfaces.

APPLICATION PROCEDURE

Substrate preparation

Surfaces to be skimmed must be clean and sound with no moisture and all traces of dust must be removed. It is recommended to prepare substrates carefully by removing all old paint and any loose areas or parts at risk of becoming detached that could affect adhesion of the product.

Preparation of the skimming compound

Pour around 7.5 litres of water into a suitable clean container and slowly add a 15 kg bag of **Planitop 600 RasaGesso** while mixing. Carefully mix the compound for several minutes then remove any powder which has stuck to the sides and bottom of the container.

Keep mixing until completely blended (with no lumps). A low-speed mechanical mixer is recommended for this operation to prevent too much air being entrained into the mix.

In order to allow the additives in the product to be completely dispersed and, therefore, to carry out their function correctly, we recommend leaving the mix to stand for approximately 3 minutes and to remix it briefly before use. Mixing by hand is not recommended.

Apply **Planitop 600 RasaGesso** within 1 hour of mixing.

Application of the skimming compound

Spread the mix over the surface in horizontal and vertical strokes with a flat metal spreader. Smooth over the surface with a layer up to 3 mm thick, making sure all the substrate has been covered.

To give the product a mirror finish, once it has hardened, go over the surface repeatedly with a spreader dipped in water. Take extra care around edges and at corners. In these areas, it is recommended to apply a thicker layer of compound and then to shape them accordingly with a suitable tool.

Coating, wallpaper or light textile wall coverings may only be applied once the skim coat is fully cured.

PRECAUTIONS TO BE TAKEN DURING AND AFTER APPLICATION

No particular precautions need to be taken if the temperature is around +20°C.

Make sure **Planitop 600 RasaGesso** does not dry out too quickly and protect it from freezing weather. The surrounding temperature must be at least +5°C when skimming surfaces. If the temperature is lower, the product may not harden correctly.

CLEANING

We recommend cleaning tools with water before the product starts to set.

Once set, **Planitop 600 RasaGesso** must be cleaned from tools using mechanical means.

CONSUMPTION

Approx. 1 kg/m² per mm of thickness.

PACKAGING

15 kg bags.

STORAGE

Planitop 600 RasaGesso may be stored for 12 months in its original packaging in a dry area.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Planitop 600 RasaGesso contains special hydraulic binders that when in contact with sweat or other body fluids may cause corrosion and damage the eyes. When applying the product it is recommended to wear protective gloves and goggles and to take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin wash immediately with plenty of water and seek medical attention.

For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

Planitop 600 RasaGesso: lime-gypsum skimming compound for internal render compliant with Euronorm EN 13279-1: classified B3-20-2

TECHNICAL DATA (typical values)

PRODUCT IDENTITY			
Consistency:	powder		
Colour:	white		
Maximum size of aggregate according to EN 1015-1 (mm):	< 0.1		
Bulk density (kg/m ³):	approx. 800		
Dry solids content (%):	100		
APPLICATION DATA OF PRODUCT (at +23°C – 50% R.H.)			
Colour of mix:	white		
Mixing ratio:	100 parts of Planitop 600 RasaGesso with around 50 parts of water (approximately 7.5 litres of water per 15 kg bag of product)		
Consistency of mix:	thixotropic-trowellable		
Density of mix according to EN 1015-6 (kg/m ³):	1,620		
pH of mix:	> 12		
Application temperature:	+5°C to +35°C		
Pot life of mix:	approx. 1 hour		
Start setting time according to EN 13279-2:	approx. 1 h 30 mins.		
Maximum applicable thickness (mm):	3		
Waiting time before sanding:	3 to 7 days (must be completely dry)		
Minimum waiting time before painting with coloured finishing products from the Silancolor, Colorite or Dursilite ranges:	7 days		
FINAL PERFORMANCE (50% mixing water)			
Performance characteristic	Test method	Requirements according to EN 13279-1	Performance of product
Compressive strength (N/mm ²):	EN 13279-2	≥ 2.0	> 2.5
Flexural strength (N/mm ²):	EN 13279-2	≥ 1.0	> 1
Adhesion to substrate (N/mm ²):	EN 13279-2	≥ 0.1	> 0,8 Failure mode (FP) = B
Coefficient of resistance to water vapour (μ):	EN 1015-19	not required	10
Reaction to fire:	EN 13501-1	Euroclass	A1

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

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The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

The most up-to-date TDS can be downloaded from our website www.mapei.com.

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1188-10-2017 en (IT)

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