

Planitop 560

White lime-based finishing compound for very smooth finishing of both fresh and cured, interior and exterior cementitious renders and concrete surfaces; it can be applied from 0 to 3 mm thick



WHERE TO USE

Fine finishing for interiors and exteriors, of coarse traditional, cured and fresh prepacked renders, before decoration with a thin coat of paint or mineral and synthetic coatings.

Some application examples

- Smoothing interior and exterior cement lime mortar or prepacked fresh renders (within 24 hours of its application), before painting or applying coloured floor or ceiling coatings.
- Smooth finishing interior and exterior cement lime mortar and prepacked cured wall and ceiling renders.
- Smoothing renders in rooms where wall paper or light-weight textile coverings will be applied.
- Levelling precast *predalles* ceilings.
- Compound for smoothing cured concrete walls with hair-line surface crazing or small cavities, and for filling small, stable cracks.
- Fine finishing of coarse grained levelling.

TECHNICAL CHARACTERISTICS

Planitop 560 is a standard setting, one-component prepacked smoothing compound based on white coloured hydraulic and aerated binders, selected fine grained Carrara lime sands, with a controlled and guaranteed white colour, special additives and synthetic

powder polymers prepared to a special formula developed in the MAPEI Research and Development Laboratories.

Thanks to its special composition and fine texture, the finish obtained by mixing **Planitop 560** with water has a high bond strength and is easy to apply with a flat metal trowel.

Planitop 560 can be applied between 0 and 3 mm thick per coat. Coloured finishing from the **Silexcolor**, **Silancolor** or **Elastocolor** and **Quarzolite** range can be applied, in good weather conditions, 7 days after the application of **Planitop 560** on cured substrates, and after 3-4 weeks on fresh substrates.

RECOMMENDATIONS

- For thicknesses above 3 mm on fresh renders, apply several coats of **Planitop 520** and finish with **Planitop 560**.
- For thicknesses above 3 mm on cured renders, apply several coats of **Planitop 540** and finish with **Planitop 560**.
- Do not apply **Planitop 560** at temperatures below +5°C or above +35°C.
- Do not add cement, lime, additives or aggregates to **Planitop 560**.
- Do not apply **Planitop 560** on painted surfaces.

Planitop 560



Applying Planitop 560 with a metal trowel



Smoothing Planitop 560 surface with a metal trowel

- Do not apply **Planitop 560** on plastic coatings (use **Planitop 200**).
- Do not use **Planitop 560** to smooth cementitious substrates, ceramic or wooden floors.
- Do not apply **Planitop 560** on gypsum-based renders without having previously applied **Primer G**.
- Do not apply **Planitop 560** directly on dusty or crumbly renders (first apply **Primer G**).
- Do not use **Planitop 560** on windy days or when the surfaces are in direct sunlight.
- Do not apply on dehumidified renders (use **Mape-Antique FC** finishing or coloured finishings from the **Silexcolor** or **Silancolor** range).

APPLICATION PROCEDURE

Preparing the substrate

Surfaces must be clean, sound and free of dust. It is recommended to carefully prepare the substrate by removing any loose detrits that could interfere with bonding.

If it is necessary to level some uneven parts which are thicker than 3 mm, apply several coats of **Planitop 520** or **Planitop 540** and then smooth with **Planitop 560**.

If it is necessary to level cured renders, wet the surface first before applying the product.

Preparing the finishing compound

Pour approximately 9 litres of water into a clean container and, while mixing slowly, add a 20 kg bag of **Planitop 560**.

Mix for several minutes making sure any unblended powder from the bottom and the sides of the container is removed. Mix until a homogeneous, completely lump-free mixture is obtained. It is recommended to use a low speed mechanical stirrer in order to avoid excess air entrapment.

In order to completely disperse the contained additives, let the mixture stand for approximately 3 minutes after its preparation. Re-mix briefly before use. Avoid preparing the mix manually.

Applying the finishing compound

Apply the compound to the surface with a flat metal trowel. Smooth from 0 to 3 mm thick making sure the substrate is completely covered.

If needed, apply a second layer of **Planitop 560** after approximately 30 minutes. The surface finishing can be carried out with the same flat metal trowel some minutes after its application.

In high temperatures, windy or sunny days, it is recommended to nebulize the surface with water after it begins to set (when the product does not mark with light finger pressure) and

during the following days until the mortar has completely cured. This is to avoid rapid drying and hygrometric shrinkage that could cause cracks. Once hardened, the product can be sanded in order to obtain a perfectly smooth surface.

Instructions to be followed during and after application

No particular precautions need to be taken at temperatures around +20°C.

At high or low temperatures or strong ventilation, the normal precautions for the use of cementitious material need to be taken.

For a better finish and protective result, it is suggested to use the coloured finishes from the **Silexcolor**, **Silancolor** and **Elastocolor** or **Quarzolite** ranges.

Cleaning

It is recommended to wash working tools with water before the product hardens. Once **Planitop 560** hardens tools can only be cleaned by mechanical means.

CONSUMPTION

Approximately 1.1 kg/m² per mm of thickness.

PACKAGING

20 kg bags.

STORAGE

Planitop 560 can be stored for 12 months in original packaging and in a dry sheltered place.

Manufactured in compliance with the regulations of the 2003/53/EC Directive.

SAFETY INSTRUCTIONS FOR THE PREPARATION AND APPLICATION

Contains cement that, in contact with sweat or other body fluids, produces an irritant alkaline reaction. Wear protective gloves and goggles. For further information refer to the Safety Data Sheet.

FOR PROFESSIONALS.

WARNING

Although the technical details and recommendations contained in this product report 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 applications: 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.

All relevant references of the product are available upon request

TECHNICAL DATA (typical values)**PRODUCT IDENTITY**

Appearance:	powder
Colour:	Carrara white
Bulk density (kg/m³):	1500
Maximum diameter of aggregate (µm):	80
Dry solid content (%):	100
Storage:	12 months in a cool dry place in unopened original packaging
Hazard classification according to EC 99/45:	irritant. Before using refer to the "Safety instructions for the preparation and application" paragraph and the information on the technical and Safety Data Sheet
Customs class:	3824 50 90

APPLICATION DATA (at +23°C and 50% R.H.)

Colour of mix:	white
Mix ratio:	one 20 kg bag with 9 l of water
Bulk density of mix (kg/m³):	1600
pH of mix:	12-12.5
Pot life of mix:	approx. 2 h
Application temperature range:	from +5°C to +35°C
Max thickness per coat (mm):	3
Waiting time between coats:	30 min.
Waiting time before float finishing:	15 min.
Waiting time before painting with the coloured finishing from the Silexcolor, Silancolor and Elastocolor or Quarzolite ranges:	7 days (if applied on cured substrates) 21-28 days (if applied on fresh substrates)

FINAL PERFORMANCES

Adhesion to concrete (N/mm²): – after 28 days (+23°C and 50% R.H.):	> 1
Compressive strength according to EN 196/1 (N/mm²): – after 28 days (+23°C and 50% R.H.):	> 6
Flexural strength (N/mm²): – after 28 days (+23°C and 50% R.H.):	> 3

Planitop 560



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