



Planitop 560

**Lime-cement
skimming mortar
with an ultra-fine
finish for render**



WHERE TO USE

Ultra-fine skimming mortar for interiors and exteriors, of coarse traditional, cured and fresh preblended 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 preblended 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 preblended cured wall and ceiling renders.
- Smoothing renders in rooms where wall paper or light-weight textile coverings will be applied.
- Levelling precast *predalles* ceilings.
- Fine finishing of coarse grained levelling.

TECHNICAL CHARACTERISTICS

Planitop 560 is a standard setting, one-component preblended ultra-fine skimming compound based on white coloured hydraulic and aerated binders, selected 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 2 mm thick per coat.

In good weather, coloured finishing products from the **Silexcocolor**, **Silancolor**, **Quarzolite**, **Elastocolor**, **Colorite** or **Dursilite** ranges may be applied 4 weeks after spreading on **Planitop 560**. The latter product may be used for decorating internal or external surfaces as long as they are partially covered and protected from direct exposure to the sun and rain.

Planitop 560 is classified as GP (“*General purpose mortar for internal/external render*”), category CS IV according to EN 998-1.

RECOMMENDATIONS

- For thicknesses above 2 mm on “fresh” or cured renders, apply **Planitop 510**, **Planitop 530** or **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.
- Do not apply **Planitop 560** on plastic coatings (use **Planitop 200**, **Planitop 207** or **Planitop 210**).
- Do not use **Planitop 560** to smooth cementitious substrates, ceramic or wooden floors.
- Do not apply **Planitop 560** on gypsum-based renders

Planitop 560



Applying Planitop 560 with a metal trowel



Smoothing Planitop 560 surface with a metal trowel

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 a skimming compound from the **Mape-Antique** range 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 510**, **Planitop 530** 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 and make sure the film of surface water is completely removed.

Preparing the finishing compound

Pour 7.8-8.6 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 2 mm thick making sure the substrate is completely covered.

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**, **Elastocolor**, **Quarzolite**, **Colorite** or **Dursilite** ranges.

The latter product may only be used for decorating internal or external surfaces if they are partially covered and protected.

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.

COLOUR

White.

CONSUMPTION

Approx. 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.

The product complies with the conditions of Annex XVII to Regulation (EC) N° 1907/2006 (REACH), item 47.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Planitop 560 is irritant; contains cement that, in contact with sweat or other body fluids, produces an irritant alkaline reaction and, in those subjects sensitive to such product an allergic rash. Wear protective gloves and goggles.

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

PRODUCT FOR PROFESSIONAL USE.

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

All relevant references for the product are available upon request and from www.mapei.com

Planitop 560: white lime-based ultra-fine skimming mortar compound for interior and exterior cementitious renders and concrete surfaces CE certified according to CPD 89/106 in compliance with EN 998-1 Standards

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	powder
Colour:	white
Maximum size of aggregate (EN 1015-1) (mm):	< 0.1
Bulk density (kg/m ³):	950
Dry solids content (%):	100

APPLICATION DATA OF PRODUCT (at +20°C - 50% R.H.)

Colour of mix:	white
Mixing ratio:	100 parts of Planitop 560 with 39-43 parts of water (approximately 7.8-8.6 litres of water per 20 kg bag of product)
Consistency of mix:	thixotropic-trowable
Density of the mix (EN 1015-6) (kg/m ³):	1,670
Application temperature range:	from +5°C to +35°C
Pot life of mix (EN 1015-9):	approx. 2 hours
Maximum applicable thickness per layer (mm):	2
Minimum waiting time before painting with coloured finishing products from the Silexcolor, Silancolor, Elastocolor, Quarzolite, Colorite or Dursilite ranges:	28 days

FINAL PERFORMANCE (mixing water 41%: mixing according to EN 1015-2)

Performance characteristic	Test method	Requirements according to EN 998-1	Performance of product
Compressive strength after 28 days (N/mm ²):	EN 1015-11	CS I (from 0.4 to 2.5)	Category CS IV
		CS II (from 1.5 to 5.0)	
		CS III (from 3.5 to 7.5)	
		CS IV (≥ 6)	
Bond strength to substrate (render) (N/mm ²):	EN 1015-12	declared value and failure mode (FP)	≥ 0.4 Failure mode (FP) = B
Capillary action water absorption [kg/(m ² ·min ^{0.5})]:	EN 1015-18	from Category W 0 to Category W 2	Category W 0
Coefficient of permeability to water vapour (μ):	EN 1015-19	declared value	≤ 20
Thermal conductivity (λ _{10,dry}) (W/m·K):	EN 1745	chart value	0.38 (P = 50%)
Reaction to fire:	EN 13501-1	Euroclass	A1



**Planitop
560**



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