

Planitop Mineral

Polymer modified cement based textured render finish supplied pre mixed in powder form, to be mixed with water

Provides good adhesion to substrate, highly water-repellent, vapour permeable PN-EN 998-1:2010.

WHERE TO USE

- External and Internal, ceilings and walls. Render only & ETICS.
- Suitable substrate examples.
- Cement basecoats.
- **Planitop Fast 330.**
- **Nivoplan.**
- **Mapetherm AR1 GG.**
- Sand/cement with approved primer.
- Good for New & Refurbishment projects.

TECHNICAL CHARACTERISTICS

White Powder Pre Bagged.

Cement modified finish, with additives including accelerators for winter working. **Planitop Mineral** is available in 1.5 mm and 2.0 mm grain sizes.

After setting, strong adhesion to surface, high impact resistant, thermal resistance, vapour permeable, frost resistance, quick drying times in winter conditions.

APPLICATION PROCEDURE

Preparation of the substrate

New substrates or renovated surfaces must be cured, clean, sound and dry. Remove all oil, grease and any loose particles. If repairs are required use recommended primers and smoothing mortar from the MAPEI building product range. Apply **Silexcolor Basecoat** as a primer to aid adhesion and combat any suction present in the substrate. Allow minimum 12-24 hrs before applying **Planitop Mineral**. Before application ensure windows, doors and any other building elements are covered with protection.

Preparation of Product

Use a clean bucket, add 4.25 litres clean water, mix 25 kg **Planitop Mineral** 1.5 mm or 2.0 mm with a low speed drill with mixing paddle/whisk. Mix for 3-4 minutes to obtain a good consistency. After 5 minutes re mix as required. Open time 20 minutes.

Application

Apply with a stainless steel trowel to depth of grain. Ensure all the surface is sufficiently covered. To texture use a plastic trowel to remove any uniformity. Ensure substrate is dry. The whole elevation must be finished in one operation, use enough labour to apply in one operation. Keep a wet edge at all times. The temperature range during application is +5°C - +25°C. During application avoid windy weather and high temperatures. Relative humidity 85% or below.

Protect finished surface for at least 48 hours or ensure the weather is suitable.

After minimum 3 days apply **Silancolor Paint** (silicone). Other paints (mineral & acrylics) allow 28 days.

Cleaning

Clean tools with water before the material dries.

CONSUMPTION

Texture finish:

- 1.5 mm 2.5-3.0 kg m²;
- 2.0 mm 2.75-3.25 kg m².

PACKAGING

Planitop Mineral is supplied in 25 kg paper sacks.

TECHNICAL DATA (typical values)		
PRODUCT IDENTITY		
	Planitop Mineral 1.5 mm	Planitop Mineral 2.0 mm
Consistency:	powder	powder
Colour:	white	white
Bulk density (kg/m ³):	1,500	1,650
Dry solids content (%):	100	100
APPLICATION DATA (at +20°C - 50% R.H.)		
Mixing ratio:	17-19 litres water per 100 kg of Planitop Mineral 1.5 mm	17-19 litres water per 100 kg of Planitop Mineral 2.0 mm
Consistency of the mix:	paste	paste
Density of the mix (EN 1015-6) (kg/m ³):	1,650-1,850	1,800-2,000
pH:	approx. 13	approx. 13
Application temperature:	from approx. +5°C to +25°C	from approx. +5°C to +25°C
Pot life of the mix:	approx. 2.5 hours	approx. 2.5 hours
Open time:	approx. 20 minutes	approx. 20 minutes
Waiting time before applying Silancolor Paint:	min. 3 days	min. 3 days
FINAL PERFORMANCE		
Compressive strength category (EN 1015-6):	CSIII	CSIII
Reaction to fire (EN 13501-1):	A1	A1
Capillary water absorption (EN 1015-18):	W0	W0
Permeability to water vapour (EN 1015-19):	μ ≤ 22	μ ≤ 22
Setting (EN 1015-12):	≥ 1.0 N/mm ² - FP : B	≥ 1.0 N/mm ² - FP : B
Thermal conduction coefficient (EN 1745):	0.67 W/mk (P = 50%)	0.73 W/mk (P = 50%)

STORAGE

Shelf life is 12 months in original packaging in a dry, frost free environment, away from sources of heat and at a temperature between +5°C and +30°C and free from damp conditions.

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

SAFETY INSTRUCTIONS FOR PREPARATION AND INSTALLATION

Planitop Mineral is irritant, it contains cement that when in contact with sweat or other body fluids causes irritant alkaline reaction and allergic reactions to those predisposed.

It can cause damage to eyes. It is recommended to use 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.

N.B.

Whilst we try to ensure that any advice, recommendations or information given in our literature is accurate and correct, we have no control over the circumstances in which our product is used. It is therefore important that the end users satisfy themselves that the product and conditions are suitable for the envisaged application.

No warranty can be given or responsibility accepted other than, that the product supplied by us will meet our written specification.

End users should ensure that our latest product data and safety information sheets have been consulted prior to use.

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



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