

PLANITOP F16

Polymer-modified, high performance cementitious skim coat for internal wall and ceiling

PRODUCT DESCRIPTION

Planitop F16 (Finish coat) is a fine-grade, polymer-modified, cementitious finishing compound designed to create an ultra-smooth surface on walls and ceilings prior to painting or decorative finishing. It is applied as a thin topcoat over a proper prepared skim coat base (**Planitop B12**) or plastered surface.

WHERE TO USE

Interior finishing area only:

- Ceiling finishing;
- ALC block wall;
- Plastered wall;
- Rendered wall;
- Hollow concrete block wall.

RECOMMENDATIONS

- Do not add more water to the mix which has already started to set.
- Do not add lime, cement or gypsum to the mix.
- Do not use on painted surfaces.

APPLICATION PROCEDURE

Preparation of the substrate

Remove dust, loose particles, release agents or any substances that may reduce or prevent adhesion to the substrate. Dampen the substrate with water to a saturated surface dry condition before applying **Planitop F16**.

Preparation of the product

Pour 9.25 - 9.75 litres of water (for 25 kg bag of **Planitop F16**) or 14.8 - 15.6 litres of water (for 40 kg bag of **Planitop F16**) into a suitable, clean container. Then slowly add the **Planitop F16** while stirring with a low-speed mechanical mixer. Mix for a few minutes, making sure that no powder remains stuck to the sides or the bottom of the container. Keep stirring until a lump-free homogeneous mix is obtained. Leave to stand for 5 - 10 minutes and remix before use.

Application of the product

Spread the paste with a flat steel trowel onto the receiving substrate to a thickness of 1 - 2 mm per coat. The smoothing application can be carried out using the same flat steel trowel. After the previous coat hardened, 2 coats can be build-up and total thickness up to 4 mm. Sanded with fine sandpaper if necessary.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Consistency:	powder
Colour:	grey or white
Dry solids content:	100%

TECHNICAL INFORMATION FOR THE PREPARATION OF PRODUCT

Composition of mix:	100 parts by weight of Planitop F16 with 39% water
Preparation of mix:	product mixing according to EN 196-1
Conditions of curing:	EN 1015-11

CHARACTERISTICS OF FRESH MIX (at +20°C – 50% R.H.)

Colour of mix:	grey or white
Consistency of mix:	thixotropic-trowellable
Density of mix:	1700 kg/m ³
Setting time:	
▪ Initial:	> 6 hours
▪ Final:	< 9 hours
Water retentivity (BS 4551):	≥ 95%

FINAL PERFORMANCES (*According to curing defined in test methods)

Performance Characteristic	Test Method	Product Performance
Tensile adhesion strength (28 days):	BS EN 1015-12	≥ 0.5 MPa
Compressive strength (28 days):	BS EN 1015-11	≥ 6 MPa

CONSUMPTION

Approximately 1.2 kg/m² per mm thickness.

PACKAGING

Planitop F16 is available in grey and white for 25 kg and 40 kg bag.

STORAGE

Planitop F16 can be stored for 12 months in a cool, dry condition.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website www.mapei.com.my

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.my

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