

PLANIPREP FIX

Interior repair skimcoat compound



IDENTIFICATION ACCORDING TO EN 13813

Repairs with **Planiprep Fix**, executed in accordance with the specifications in this Technical Information Sheet, correspond to the classification CT-C20-F7-E according to EN 13813.

DESCRIPTION

Planiprep Fix is an ultra-fast drying, fine-grained, thixotropic, cementitious skimcoat compound for the repair and levelling of interior substrates, including, floors and steps.

WHERE TO USE

Planiprep Fix can be used for the fast repair and levelling of interior substrates when fast hardening and drying in conjunction when a particularly smooth surface is required. **Planiprep Fix** is suitable for application between 0-4 mm prior to the laying of resilient and textile floor coverings. Suitable for commercial, domestic and industrial projects.

Some application examples:

- Smoothing and trowelling uneven, rough substrates, down to a feather edge;
- Removing uneven areas in new and old buildings;
- Filling smaller cavities, holes and cracks in load-bearing subfloors;
- Quick trowelling or levelling before laying resilient and textile floor coverings;
- Repairing and levelling stairs, pedestals and corners of columns.
- On new and old substrates including cementitious levelling compounds, primer-free existing plywood, existing cementitious screeds and fast screeds such as **Mapecem**, **Mapecem Pronto**, **Topcem** or **Topcem Pronto**, calcium sulfate, anhydrite type screeds, precast screeds and wood-based panels, underfloor heating, ceramic tiles, terrazzo and natural stones, old substrates with firmly adhering, waterproof adhesive or filler residues.

TECHNICAL CHARACTERISTICS

The products very fine-grained texture makes it suitable for application down to a feather edge and to achieve a closed surface. Can be applied up to a maximum of 4mm.

Planiprep Fix can be used to eliminate defects or trowel marks.

Substrates levelled with **Planiprep Fix** have a very smooth, finely textured surface, especially suitable for resilient floor coverings. The installation of all types of resilient and textile floor coverings can occur after approximately 30 minutes. **Planiprep Fix** hardens without tension and without cracking out.

A Primer for cementitious substrates is usually not necessary.

TECHNICAL DATA		(CT-C20-F7-E according to EN 13813)
PRODUCT IDENTITY		
Consistency:	fine powder	
Colour:	grey	
Bulk density (kg/m³):	900	
Dry solids content (%):	100	
EMICODE:	EC1 Plus - very low emission	
APPLICATION DATA (at +23°C - 50% R.H.)		
Mixing ratio:	1.4-1.5 Litres to 4 kg of powder or 34-36 parts water to 100 parts Planiprep Fix	
Density of the mixture (kg/m³):	1,700	
Application temperature:	from +5°C to +30°C	
Workability time:	approx. 7 Minutes	
Laying floor coverings:	after approx. 30 Minutes	
FINAL PERFORMANCE DATA		
Compressive strength (N/mm²):		
after 1 day:	15	
after 7 days:	20	
after 28 days:	24	
Bonding tensile strength (N/mm²):		
after 1 day:	3.5	
after 7 days:	7	
after 28 days:	8	

RECOMMENDATIONS

- Do not use **Planiprep Fix** externally;
- Do not use **Planiprep Fix** on substrates with permanent rising damp;
- Do not use **Planiprep Fix** at temperatures below + 5 ° C;
- Do not apply **Planiprep Fix** in direct sunlight or expose to heat sources;
- Do not use as a wearing floor. **Planiprep Fix** is designed to be covered by a suitable floor covering.

APPLICATION PROCEDURE

Preparation of the substrate

The substrate must comply in accordance with British Standards. The substrate must be dry, sound and clean and free from dust and other contaminates such as paint, wax, oils, rust or gypsum traces.

Surface laitance in substrates must be removed or, if friable, be consolidated with **Mapeproof 1K Turbo** or **Prosfas**. Concrete or cementitious substrates with too high a residual moisture must be treated with **Mapeproof 1K Turbo**, **Mapeproof Primer**, **Mapeproof One Coat**, or other suitable surface membranes from the MAPEI product range. Highly absorbent and calcium sulphate-based substrates must be primed in accordance to absorbency, e.g. with **Eco Prim T Plus**, 1-2 with clean water, or with another suitable primer from the MAPEI product range. It may be necessary to apply 2 coats. Cracks within the subfloor should be in filled using MAPEI **Eporip**. Please contact the MAPEI Technical Department for further information. Existing ceramic tiles, natural stones, resilient floor coverings and resin and metal surfaces are to be degreased with an adequate basic cleaner or with suitable sanding machines. On existing ceramic tiles or natural stones, a roller applied coat of neat **Eco Prim T Plus** or **Eco Prim Grip Plus** is recommended.

Preparation of the mix

4kg of **Planiprep Fix** requires between 1.4-1.5 litres of water. If smaller amounts are required, 1kg of powder will require 350ml of clean water mixed with a variable speed drill until a homogeneous, lump-free consistency is achieved.

Only mix as much mortar that can be applied inside of 7 minutes (at + 23°C).

Application of the mix

The mixed mortar should be applied with a flat edged trowel on the prepared surface and smoothed.

The installation of suitable self-levelling compound and all types of flooring can be carried out after approx 30 minutes (at + 23°C).

Cleaning

Work tools can be washed in clean water immediately after use.

CONSUMPTION

Approximately 1.25 kg / m² per mm layer thickness.

PACKAGING

Planiprep Fix is available in alu-pak bags of 4 kg. 4 x 4 kg supplied in a cardboard box.

STORAGE

24 months in unopened original container, stored in a cool, dry place. With increased storage time, **Planiprep Fix** has a low chromatic ratio Regulation (EC) No 1907/2006 (REACH), Annex XVII, Art. 47.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Planiprep Fix 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.co.uk.

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.co.uk

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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.co.uk.

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