



Ultraplan Renovation Screed

Fibre Reinforced Self Levelling Compound



**3 to 40 mm in
a single application**



DESCRIPTION

Ultraplan Renovation Screed is a fibre reinforced self levelling compound, designed for use in the refurbishment of existing floors in both commercial and domestic applications, it can be hand or pump applied.

WHERE TO USE

Used for interior levelling, smoothing and removing differences in thickness from 3 to 40 mm on new or existing concrete, screeds, stone, terrazzo and ceramic tiles, old and new timber floors, floor boards, chipboard panels, plywood, parquet.

Ultraplan Renovation Screed is suitable where good resistance to loads is required, also for wheelchair traffic and underfloor and undertile heating systems.

Preparation of the Substrate

The substrate should be solid, free of dust, loose particles, paint, oil, gypsum residues or other contamination that could compromise the bond. Timber substrates should be clean and solidly fixed, open joints should be sealed with **Nivorapid** mixed with **Latex Plus**. Cementitious surfaces that are not sufficiently solid must be removed or, where possible, consolidated with **Profas** or **Primer EP**. Cracks in the substrate should be repaired with **Eporip**.

The substrate should be primed with **Mapeprim SP** or **Eco Prim Grip** prior to the application of **Ultraplan Renovation Screed**.

Preparing the mix

Pour a 25 kg bag of **Ultraplan Renovation Screed** into a bucket containing 4.25-4.5 litres of clean water

and mix with a low speed electric mixer to obtain an homogeneous, self-levelling, lump free mix. Larger quantities of **Ultraplan Renovation Screed** can be prepared in suitable mixers. After 2-3 minutes of slackening, the mix should then be restirred and then it is ready for use. The amount of **Ultraplan Renovation Screed** mixed at any time must be used within 30-40 minutes (at a temperature of +23°C).

APPLICATION

Apply in a single coat from 3 to 40 mm in thickness. Depending on the thickness required, a aeration roller may be used.

The self levelling properties of **Ultraplan Renovation Screed** will provide a surface ready to accept all kinds of floorcoverings.

COVERAGE

Approx 6 m² at 3 mm thickness.

PACKAGING

25 kg bags.

STORAGE

12 months in a dry place and in the original un opened packaging.

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

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Ultraplan Renovation Screed is an irritant containing cement that when in contact with sweat or other body

| TECHNICAL DATA (typical values) | |
|---|--|
| TECHNICAL DATA | |
| Consistency: | fine powder |
| Colour: | grey |
| Specific gravity: | 1,300 |
| Dry solid content (%): | 100 |
| APPLICATION DATA (at +23°C and 50% R.H.) | |
| Mixing ratio: | 4.25-4.5 litres of water per 25 kg bag |
| Thickness per coat: | 3 to 40 mm |
| Self-levelling: | yes |
| Specific gravity of mix (kg/m ³): | 2,100 |
| pH of the mix: | approx. 12 |
| Application temperature range: | from +5°C to +30°C |
| Open time: | 30-40 minutes |
| Setting time: | 30-90 minutes |
| Walkable: | 4-6 hours |
| Waiting time before bonding: | 1-3 days depending on the thickness |
| FINAL PERFORMANCES (at +23°C and 50% R.H.) | |
| Compressive strength (N/mm ²): | |
| – after 1 day: | 15 |
| – after 3 days: | 20 |
| – after 7 days: | 25 |
| – after 28 days: | 28 |
| Flexural strength (N/mm ²): | |
| – after 1 day: | 3 |
| – after 3 days: | 4 |
| – after 7 days: | 4.5 |
| – after 28 days: | 5.5 |
| Resistance to abrasion: | |
| – after 28 days: | 2.5 |

fluids causes irritant alkaline reactions and allergic reactions to those predisposed. It is recommended to use protective gloves and goggles and to take the usual precautions for handling chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of water and seek medical attention. 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



This symbol is used to identify Mapei products which give off a low level of volatile organic compounds (VOC) as certified by GEV (Gemeinschaft Emissionskontrollierte Verlegewerkstoffe, Klebstoffe und Bauprodukte e.V.), an international organisation for controlling the level of emissions from products used for floors.



Our Commitment To The Environment
MAPEI products assist Project Designers and Contractors create innovative LEED (The Leadership in Energy and Environmental Design) certified projects, in compliance with the U.S. Green Building Council.

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