

Ultraplan Renovation

DESCRIPTION

Ultraplan Renovation 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 30 mm on new or existing concrete, screeds, stone, terrazzo and ceramic tiles, old and new timber floors, floor boards, chip-board panels, plywood, parquet.

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

Preparation of the Substrate

The substrate should be solid, free of dust, loose particles, paint, oil, gypsum residues or other substances that might 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 **Prosfas** or **Primer EP**. Cracks in the substrate should be repaired with Eporip.

The substrate should be primed with

Mapeprim SP or **Eco Prim T** prior to the application of **Ultraplan Renovation**

APPLICATION

Apply in a single coat from 3 to 30mm in thickness. Depending on the thickness required, a spiked roller may be used.

The self levelling properties of Renovation Screed will give a finish ready to accept any kind of floorcovering without further attention.

COVERAGE

Approx 6 m² at 3 mm thickness.

PACKAGING

25 kg bags.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

For further and complete information about a safety 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

TECHNICAL DATA (typical values)

TECHNICAL DATA

Consistency:	fine powder
Colour:	grey
Specific gravity:	1,300
Dry solid content (%):	100
Storage:	12 months in original packaging in a dry place
Hazard classification according to EC 1999/45:	none. Before using refer to the "Safety instructions for preparation and application" paragraph and the information on the packaging and Safety Data Sheet
Customs class:	3824 50 90

APPLICATION DATA at +23°C and 50% R.H.

Mixing ratio:	17-18% parts water per 100 parts by weight of Ultraplan Renovation Screed
Thickness per coat:	3-30 mm
Self-levelling:	yes
Specific gravity of mix (kg/m³):	2,100
pH of the mix:	approx. 12
Application temperature range:	from +5°C to +30°C
Open time:	30-40 minutes
Setting time:	50-70 minutes
Walkable:	4-5 hours
Waiting time before bonding:	1-3 days depending on the thickness

FINAL PERFORMANCES (at +23°C and 50% R.H.)

Compressive strength (N/mm²):	
– after 1 day:	15
– after 3 days:	20
– after 7 days:	25
– after 28 days:	28
Flexural strength (N/mm²):	
– 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

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 web site www.mapei.com

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