



# Ultraplan Renovation Screed

Fibre Reinforced Self Levelling Compound



**3 to 30 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 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.

**Ultraplan 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 **Profas** 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 Screed**.

## APPLICATION

Apply in a single coat from 3 to 30 mm 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 m<sup>2</sup> at 3 mm thickness.

## PACKAGING

25 kg bags.

## SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

**Ultraplan Renovation Screed** is not hazardous according to the current European standard on the classification of preparations. It is recommended to wear gloves and protective goggles and to take the usual precaution for handling chemical products. 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 product is used.*

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TECHNICAL DATA (typical values)	
<b>TECHNICAL DATA</b>	
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
<b>APPLICATION DATA (at +23°C and 50% R.H.)</b>	
Mixing ratio:	17-18% parts water per 100 parts by weight of <b>Ultraplan Renovation Screed</b>
Thickness per coat:	3-30 mm
Self-levelling:	yes
Specific gravity of mix (kg/m <sup>3</sup> ):	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
<b>FINAL PERFORMANCES (at +23°C and 50% R.H.)</b>	
Compressive strength (N/mm <sup>2</sup> ):	
- after 1 day:	15
- after 3 days:	20
- after 7 days:	25
- after 28 days:	28
Flexural strength (N/mm <sup>2</sup> ):	
- 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

*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](http://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 (Gesellschaft 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**  
More than 150 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](http://www.mapei.com)**

