



Ultimate Leveller 1210

**Levelling & smoothing compound
with very low voc**

Description

Ultimate Leveller 1210 is a self levelling smoothing compound, designed for smoothing and levelling internal floors in both commercial and domestic applications prior to the installation of floor coverings.

Where to use

Used for interior levelling, smoothing and removing differences in thickness from 1 to 10 mm on new or existing concrete, screeds, stone, terrazzo and ceramic tiles.

Ultimate Leveller 1210 is suitable where good resistance to loads is required, also for wheelchair traffic and underfloor heating systems (including electric mats?).

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. Cementitious surfaces that are not sufficiently solid must be removed or, where possible, consolidated with Prosfas. Cracks in the substrate should be repaired with **Eporip**.

The substrate should be primed with **Eco Prim Grip** or **Eco Prim T** prior to the application of **Ultimate Leveller 1210**.

Application

Apply in a single coat from 1 to 10 mm in thickness to a prepared sub-floor. Depending on the thickness required, a spiked roller may be used to eliminate entrapped air and attain a smooth finish suitable to receive all types of floor finishes.

Coverage

Approx 5 m² at 3 mm thickness.

Packaging

20 kg bags.

Storage

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

Health & safety information

Ultimate Leveller 1210 contains cement that when in contact with sweat or other body fluids causes irritant alkaline reactions and allergic reactions to those predisposed. It can cause damage to eyes.

During use, wear protective gloves and goggles and 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 the latest version of our 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

Legal notice

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 effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.

Technical Characteristics (TBC)

Consistency:	fine powder
Colour:	grey
Specific gravity:	1300
Dry solid content (%):	100%

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

Mixing ratio:	19-21% parts water per 100 parts by weight of Ultimate Leveller 1210
Thickness per coat:	1-10 mm
Self-levelling:	yes
Specific gravity of mix (kg/m ³):	2100
pH of the mix:	approx. 12
Application temperature range:	from +5°C
Open time:	20-30
Setting time:	50-70
Walkable:	3 hours
Waiting time before bonding:	12 hours depending on the thickness.



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

Compressive strength (N/mm ²):	
– after 1 day:	8
– after 3 days:	12
– after 7 days:	14
– after 28 days:	16
Flexural strength (N/mm ²):	
– after 1 day:	2
– after 3 days:	4
– after 7 days:	5
– after 28 days:	6
Resistance to abrasion:	after 28 days 7



**CERAMIC TILES AND QUARRY TILES
ON INTERIOR WALLS AND INTERIOR AND EXTERIOR FLOORS**



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