



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 castor chair 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 Plus** or **Eco Prim T Plus** prior to the application of **Ultimate Leveller 1210**

Mixing

Mix 20kg of **Ultimate Leveller 1210** powder into a bucket containing 3.8 - 4 litres of clean water and stir mechanically at low speed until a lump free mix is obtained.

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.

TECHNICAL DATA

Product Identity

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
Working time:	20-30 mins
Setting time:	50-70 mins
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

PACKAGING

20 kg bags.

STORAGE

Ultimate Leveller 1210 has a storage life of approximately 12 months if stored in dry conditions.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

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**

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 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.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.



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