

# PRIMER LT

Acrylic adhesion promoter for Ultratop Loft and cementitious skimming mortars



## WHERE TO USE

Multi-purpose adhesion promoter and primer for internal use, specifically for improving adhesion between layers of **Ultratop Loft** and of MAPEI cementitious skimming mortars on all types of absorbent and non-absorbent surfaces.

### Some application examples

- Adhesion promoter between consecutive skim coats of **Ultratop Loft** on horizontal and vertical surfaces.
- Preparing compact, smooth cementitious screeds and concrete floors that need to be levelled off with a MAPEI skimming product (refer to substrate preparation products).
- Treating surfaces with traces of adhesive or an old, well-bonded skim coat before skimming the surface or applying adhesive.
- Treating the surface of gypsum, anhydrite, wood, marine plywood, chipboard, terrazzo, ceramic and stone before skimming the surface or applying adhesive.

## TECHNICAL CHARACTERISTICS

**Primer LT** is a solvent-free, acrylic resin-based primer and adhesion promoter in water dispersion. It is easy to apply and has excellent adhesion and resistance to water and ageing.

## RECOMMENDATIONS

- Only apply **Primer LT** on internal surfaces.
- For magnesium substrates use **Primer EP** or **Mapeprim SP**.
- Only use **Primer LT** on wood that remains stable in the presence of moisture.
- Do not use **Primer LT** in areas with capillary rising damp.
- When using **Primer LT** for **Ultratop Loft** it must only be applied between the various layers and as a primer for absorbent vertical surfaces.

## APPLICATION PROCEDURE

### Preparation of the substrate

When using the product as an intermediate layer between two skim coats of **Ultratop Loft**, make sure the first coat is hard and dry.

Substrates must be dry and strong and have no dust, loose material, cracks, old paint, wax, oil, rust or any other material or product that could affect adhesion.

Remove all traces of dust from the substrate with a vacuum cleaner.

It is mandatory to check that there is no capillary rising damp.

Floating screeds installed on lightened sub-layers or insulating material, and screeds installed directly on the ground, must be isolated by a vapour barrier.

## Application of the product

Apply **Primer LT** by spreading it evenly over the substrate with a roller or brush at the following dilution rates:

- 1:1 by weight with water when applied between coats of **Ultratop Loft**;
- 1:2 by weight with water on cementitious or anhydrite substrates;
- neat on old ceramic, natural stone, wood and traces of adhesive (if resistant to water).

Wait until the product is dry and apply the next coat of **Ultratop Loft** or the cementitious skimming product required: waiting time is between 2 and 5 hours, depending on the surrounding temperature and the level of humidity in the room. We advise against waiting more than 24 hours.

## CLEANING

Remove **Primer LT** from floors, walls, coatings, tools, hands and clothing with water while still wet. Once dry it must be removed with alcohol.

## CONSUMPTION

When applied between consecutive coats of **Ultratop Loft** consumption is approximately 0.1 kg/m<sup>2</sup>. For other substrates, consumption is between 0.1 and 0.2 kg/m<sup>2</sup>, depending on the porosity of the substrate and the conditions in which it was installed.

## PACKAGING

**Primer LT** is supplied in 5 kg cans.

## STORAGE

12 months in a dry area in its original, sealed packaging at a temperature of +5°C to +30°C. Protect from frost.

## 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.com](http://www.mapei.com).

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	fluid liquid
Colour:	light blue
Density (g/cm <sup>3</sup> ):	1.03
pH:	7.5
Dry solids content (%):	43
Brookfield viscosity (mPa·s):	800 (# 2 - 20 rpm)
EMICODE:	EC1 Plus - very low emission
APPLICATION DATA (at 23°C - 50% R.H.)	
Application temperature:	+5°C to +35°C

Drying time: – concrete-wood: – ceramic:	15-20 mins. 30-40 mins.
Waiting time before applying adhesive or skimming mortar: – concrete-wood: – ceramic:	2-3 hours 4-5 hours
<b>FINAL PERFORMANCE</b>	
Resistance to humidity:	excellent
Resistance to ageing:	excellent
Resistance to solvents and oils:	moderate
Resistance to acids and alkalis:	moderate
Resistance to temperatures:	excellent

## WARNING

*Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.*

Please refer to the current version of the Technical Data Sheet, available from our website [www.mapei.com](http://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](http://www.mapei.com).*

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