

# PRIMER LT

Acrylic water-based primer for Ultratop Loft and cementitious skimming mortars



## DESCRIPTION

Multi-purpose acrylic based primer, according to a formula developed in the MAPEI R&D laboratories, for indoor use on absorbent surfaces before the application of **Ultratop Loft** and of MAPEI cementitious skimming mortars and between the layers of **Ultratop Loft**.

## TECHNICAL CHARACTERISTICS

- watery emulsion;
- excellent resistance to ageing and water;
- it reduces the absorption of the treated surfaces;
- it hardens the surface of the substrate;
- fulfills GEV-EMICODE EC1<sup>Plus</sup> requirements.

## ADVANTAGES

- easy to apply;
- it doesn't smell unpleasant during the application;
- suitable for several kinds of absorbent substrates.

## WHERE TO USE

- primer for **Ultratop Loft** on vertical absorbent surfaces;
- primer between the layers 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 products;
- treating surfaces with traces of cementitious 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 style tiles etc. before skimming the surface or applying adhesive.

## RECOMMENDATIONS

- only apply **Primer LT** on internal surfaces;
- do not use **Primer LT** on magnesium substrates. In this case, contact the local Mapei Technical Service;

- use **Primer LT** on wooden substrates only if they are stable and if there is no risk of contact with water or moisture in general;
- do not use **Primer LT** in presence of capillary rising damp;
- when using **Primer LT** for **Ultratop Loft** it must only be applied between the 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, sound, clean and have no dust, loose material, cracks, old paint, wax, oil or any other material or contamination in general that could reduce the penetration of the product in the substrate.

All the dust on the surface must be thoroughly removed by vacuum.

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** evenly by roller or brush on the whole surface to treat. The product can be diluted with water with the following ratios by weight, depending on the type of substrate:

- 1:1 when applied between the layers of **Ultratop Loft**;
- 1:2 on cementitious or anhydrite substrates;
- neat on wood.

Wait until the product is dry and apply the following layer of **Ultratop Loft** or the cementitious skimming product required. The waiting time is usually from 2 to 3 hours after applying the primer, depending on the ambient temperature and relative humidity. It is recommended not to exceed 24 hours.

## CLEANING

Hands, surfaces, clothing and equipment used for the preparation and application of **Primer LT** can be cleaned with water while the product is still fresh. Once dried, cleaning can only be done with alcohol.

## CONSUMPTION

When applied between the layers of **Ultratop Loft** the consumption is approximately 0.1 kg/m<sup>2</sup>.

On other substrates, the consumption is from 0.1 to 0.2 kg/m<sup>2</sup> depending on the absorbency and the method of application.

## PACKAGING

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:	liquid
Colour:	light blue
Density:	1.03 g/cm <sup>3</sup>
pH:	7.5
Dry solid content:	43%
Brookfield viscosity:	800 mPa.s (# 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:	15-20 mins.
Overcoating waiting time:	2-3 hours

### FINAL PERFORMANCE

Resistance to humidity:	excellent
Resistance to ageing:	excellent
Resistance to solvents and oils:	moderate
Resistance to acids and alkalis:	moderate
Resistance to temperature:	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 force at the time of the MAPEI product installation.*

*The most up-to-date TDS can be downloaded from our website [www.mapei.com](http://www.mapei.com).*

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

## TECHNICAL SPECIFICATION


Supply and installation of acrylic based primer in aqueous emulsion (such as **Primer LT** by MAPEI S.p.A.) as a base coat on cementitious and absorbent substrates in general before laying trowel-applied cementitious mortars with decorative effect (such as **Ultratop Loft** by Mapei S.p.A.) and cementitious levelling mortars or adhesives, to be applied by roller or brush on the clean and dry substrate.

The product must have the following characteristics:

Density:	1,03 g/cm <sup>3</sup>
pH:	7,5
Dry solid content:	43%
Brookfield viscosity:	800 mPa·s (# 2 - 20 rpm)
Fulfills GEV-EMICODE EC 1 <sup>Plus</sup> requirements.	

**Mapei S.p.A.**

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