ULTRATOP BASE COAT

One-component acrylic formulation in water dispersion used as a base coat before applying protective finishes on Ultratop, Ultratop Living and Ultratop Loft





DESCRIPTION

Ultratop Base Coat is a one-component, transparent acrylic primer in water dispersion developed in the MAPEI R&D laboratories and formulated to optimize the preparation of the cementitious surfaces of **Ultratop, Ultratop Living** and **Ultratop Loft**, designed to receive the protective treatments of the **Mapefloor Finish** range.

TECHNICAL CHARACTERISTICS

- Absorption regulator, it helps to make the substrate less porous.
- Pore sealer.
- Low VOC emissions (CDPH standard).
- **Ultratop Base Coat** fulfills GEV-EMICODE EC1 Plus requirements.

ADVANTAGES

- Easy to apply: the product is ready to use and it only needs to be briefly mixed.
- Preparation operations are simplified thanks to its one-component formulation.
- Its colour does not alter the aesthetic appearance of the cementitious coating of **Ultratop**, **Ultratop Living** or **Ultratop Loft** before the application of the protective finish.
- Effectively seals the porosities of the cementitious surface, facilitating the application of the final protective coating and enhancing its final aesthetic appearance.
- Its formulation is compatible with the following protective treatments from the **Mapefloor Finish** range.
- Formulated in water-based dispersion that reduces environmental impact and makes mixing and application operations safer.
- Sustainability: it can contribute to LEED credits. EPD (Environmental Product Declaration) compliant.

WHERE TO USE

Ultratop Base Coat is applied on some of the cementitious surfaces of the **Ultratop** range (**Ultratop**, **Ultratop Living** and **Ultratop Loft**) to achieve their ideal preparation, ensuring homogeneous absorption and a uniform application of the finishing product from the **Mapefloor Finish** range.

RECOMMENDATIONS

- The product is supplied ready to use; do not dilute before use.
- Avoid leaving excess material on the substrate during application.
- Wait until the product has completely hardened (approx. 3 hours at +23°C) before applying the next protective treatment.
- Do not apply **Ultratop Base Coat** on dusty, damp or dirty surfaces or on surfaces impregnated with substances that could affect adhesion of the product to the substrate.
- Do not apply if the temperature is lower than 12°C and make sure the temperature of the substrate is at least 3°C above dew-point.

APPLICATION PROCEDURE

Substrate preparation

The surface of **Ultratop**, **Ultratop Living** or **Ultratop Loft** must be completely hardened and perfectly dry. Eliminate all traces of dirt and loose areas in the substrate and remove all dust with an industrial vacuum cleaner.

Wait 12 to 24 hours after applying the cementitious coating (waiting time to be assessed according to the type of product, the thickness applied, surrounding temperature, etc.) before applying **Ultratop Base Coat.**

Preparation of the product

Ultratop Base Coat is supplied ready to use. Mix the product briefly in its own jerrycan and pour the amount required into a clean container.

Do not dilute the product.

Application of the product

Apply an even coat of **Ultratop Base Coat** using a suitable wax mop, or a short-pile roller such as mohair in two directions at right angles to each other, or by airless spray, making sure that excess of product is not left on the surface.
Once it has completely hardened, the next coats of protective finish coats from the **Mapefloor Finish** range may be applied.

CLEANING

Tools used to prepare and apply **Ultratop Base Coat** must be cleaned with plenty of water immediately after use. Once hardened, the product may only be removed using mechanical means.

CONSUMPTION

50-80 g/m², depending on the porosity and absorption of the substrate.

PACKAGING

10 kg jerrycan.

STORAGE

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

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

This product contains microplastics. The synthetic polymer microparticles supplied are subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council. Avoid release to the environment. Collect spillage. Do not dispose of rinsing water into the environment. Dispose waste in accordance with the local rules.

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.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY	
Colour:	milky white
Consistency:	liquid
Density:	1.015 g/cm^3
Brookfield viscosity:	20 mPa s (# 1 - 100 rpm)

APPLICATION DATA (at +23°C - 50% R.H.)	
Application temperature:	+12°C to +30°C
Re-coat time:	min. 3 hours at +23°C
Dust dry at +23°C and 50% R.H.:	2 hours

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

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.

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

TECHNICAL SPECIFICATIONS

Supply and installation of a one-component, transparent, water-dispersed acrylic resin-based (such as **Ultratop Base Coat** by MAPEI S.p.A.), suitable to be used as a primer to regulate absorption and seal porosities on high abrasion resistant cementitious formulates (such as **Ultratop**, **Ultratop Living** or **Ultratop Loft** by MAPEI S.p.A.), before the application of a transparent polyurethane-based protective treatment (such as products from the **Mapefloor Finish** range by MAPEI S.p.A.). The product will be applied on the hardened and dry cementitious substrate 12-24 hours after its application using a suitable wax mop or a short-pile roller, such as mohair, or with a suitable airless spray system.

The hardened material must have the following characteristics:

Colour:	milky white
Consistency:	liquid
Density:	1.015 g/cm³
Brookfield viscosity:	20 mPa s (# 1 - 100 rpm)
Re-coat time:	min. 3 hours at +23°C
Dust dry at +23°C and 50% R.H.:	2 hours
Low VOC emissions (CDPH standard)	
Fulfills GEV-EMICODE EC1 Plus requirements	
It can contribute to LEED credits. EPD (Environmental Product Declaration) compliant	

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