

Ultratop Base Coat [NA]

One-Component, Clear, Water-Based Acrylic Basecoat for Mapefloor™ Finish Topcoats



NORTH AMERICA [NA]

DESCRIPTION

Ultratop® Base Coat [NA] one-component, acrylic agent in water dispersion is used as a basecoat before applying a *Mapefloor Finish* topcoat over *Ultratop* and *Ultratop Loft* products. *Ultratop Base Coat [NA]* used with *Mapefloor Finish* provides a high-performance finish.

FEATURES AND BENEFITS

- Ideal one-component basecoat for use with *Mapefloor Finish* topcoats in *Ultratop* products for horizontal and vertical surfaces
- Ready to use and easy to apply with a roller
- Low-VOC: Great for use in interior, occupied environments
- Easy handling and application properties

WHERE TO USE

- For interior applications only
- Use to improve the bond of *Mapefloor Finish* topcoats in *Ultratop* and *Ultratop Loft* products

Consult MAPEI's CRS Technical Services Department for installation recommendations regarding conditions not listed.

SURFACE PREPARATION

- *Ultratop* or *Ultratop Loft* surfaces to be treated with *Ultratop Base Coat* [NA] must be completely hardened.
- Before treating the *Ultratop* or *Ultratop Loft* surface with *Ultratop Base Coat* [NA], wait at least 24 hours, depending on the temperature and application thickness.
- Thoroughly clean all surfaces of any substance that could interfere with the bond of the installation material, including paint, asphalt, wax, oil, sealers, curing compounds, and poorly bonded or incompatible adhesive.
- Do not acid-etch *Ultratop* or *Ultratop Loft* surfaces before applying *Ultratop Base Coat* [NA].

MIXING

Before product use, take appropriate safety precautions. Refer to the Safety Data Sheet for details.

- Before use, stir to ensure that settling has not occurred during shipment or storage.
- *Ultratop Base Coat* [NA] is ready to use, with no dilution required.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Apply two coats at 3 to 4 mils in wet film thickness (WFT) of *Ultratop Base Coat* [NA] with a suitable wax mop, sprayer or short-piled lint-free roller (6 mm).
2. Ensure that the surface receives a complete, thin film of product. When applying with a roller, roll in opposite directions with each successive coat if needed.
3. If the time between each coat exceeds 24 hours at 68°F (20°C), the existing basecoat surface must be mechanically abraded, vacuumed with a brush attachment and wiped with a lint-free, non-oily cloth dampened with a solvent – such as acetone or methyl ethyl ketone (MEK) – before another coat of *Ultratop Base Coat* [NA] is applied.
4. Ensure that the recommended film thickness (3 to 4 WFT) is achieved and that the yields are not exceeded.

CLEANUP

- Clean equipment immediately.
- While *Ultratop Base Coat* [NA] is still fresh, use water to remove it easily from floors, walls and tools.
- *Ultratop Base Coat* [NA] that has dried on tools can be removed with mineral spirits.

LIMITATIONS

- Interior use only
- Do not dilute *Ultratop Base Coat* [NA] with solvent.
- Do not apply *Ultratop Base Coat* [NA] on dusty or weak substrates.
- Do not apply *Ultratop Base Coat* [NA] on dirty/dusty *Ultratop* or *Ultratop Loft* products.
- Use only between the ambient and substrate temperatures of 46°F and 95°F (8°C and 35°C).
- Substrate and ambient temperatures during application must be between 46°F and 95°F (8°C and 35°C).
- The surface temperature of the prepared substrate must be at least 5 degrees Fahrenheit (2.8 degrees Celsius) above the dew point to avoid condensation on the surface as *Ultratop Base Coat* [NA] dries.

Product Performance Properties

Laboratory Tests	Results
Water vapor transmission – ASTM E96	19.0 perms
Bond strength – ASTM D4541	500.2 psi (3.45 MPa)
Tensile strength (high yield) – ASTM D2370	1,377.5 psi (9.5 MPa)
Tensile strength (at break) – ASTM D2370	1,957.5 psi (13.5 MPa)
VOC content (SCAQMD Rule 1113)	< 63 g per L
Typical VOC content per SCAQMD Rule 1113 testing methods	100 g per L

Shelf Life and Product Characteristics

Shelf life	1 year in original, sealed container. Protect from freezing during transport and storage.
Polymer type	Acrylic
Consistency	Pourable liquid
Color	Clear

Application Properties

Application temperature range	46°F to 95°F (8°C to 35°C)
Dry to touch	35 minutes
Window for application at 73°F (23°C)	2 to 3 hours of drying time, up to 24 hours, before application over <i>Ultratop</i> or <i>Ultratop Loft</i> products
Waiting time before recoating	3 hours

Packaging

Size
Bucket: 2.6 U.S. gals. (9.84 L)

Approximate Coverage*

per 1 U.S. gal. (3.79 L)

Thickness	Coverage
3 mils	400 to 530 sq. ft. (37.2 to 49.2 m ²)

**Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions, concrete profile and porosity, type of equipment used, thickness applied, handling and application procedures.*

ADDITIONAL INFORMATION

Refer to the SDS for specific data related to health and safety as well as product handling.

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA).

WARNING

The test results shown in the TECHNICAL DATA table were obtained in compliance with test methods and curing cycles, if applicable, defined in the industry standards referenced on the Technical Data Sheet. Please note that the use of test procedures or methods other than those indicated in the table could lead to different values and that, in such cases, any liability of our company is excluded.

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 nor 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.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

CONTACT INFORMATION

MAPEI Headquarters of North America

1144 East Newport Center Drive
Deerfield Beach, Florida 33442
1-888-US-MAPEI (1-888-876-2734) / (954) 246-8888

Technical Services

U.S. and Puerto Rico:

Flooring: 1-800-992-6273

Concrete and heavy construction: 1-888-365-0614

Canada:

1-800-361-9309

Customer Service

1-800-42-MAPEI (1-800-426-2734)

Edition Date: January 17, 2025 MK 3004061 (24-2579)

For the most current product data and BEST-BACKEDSM warranty information,
visit www.mapei.com.
All Rights Reserved. © 2025 MAPEI Corporation.

