

Primer LT [NA]

Water-Based, Acrylic Primer for *Ultratop*® Loft Toppings



North America [NA]

DESCRIPTION

Primer LT™ [NA] is a low-VOC, water-based acrylic primer that enhances the performance and adhesion between layers of *Ultratop Loft* toppings for walls and floors. *Primer LT* [NA] combines excellent versatility with easy, low-odor applications for indoor use.

FEATURES AND BENEFITS

- Can be used as a primer between absorbent surfaces and *Ultratop Loft* toppings when installed on walls
- Must be used between consecutive layers of *Ultratop Loft* toppings on horizontal and vertical surfaces
- Ready-to-use water-based acrylic, which is easy to apply with a roller
- Low-odor and VOC-compliant: Great for use in interior, occupied environments
- Easy handling and application properties

WHERE TO USE

- Use *Primer LT* [NA] as a bond-enhancing primer between successive layers of *Ultratop Loft* toppings in horizontal and vertical applications.
- Use *Primer LT* [NA] over sound, stable, absorbent surfaces in vertical applications only.
- Interior residential (apartments, condominiums and homes)
- Interior commercial (office buildings, hotel rooms/hallways, restaurants and cafeterias)
- Interior heavy commercial (convention centers, airports, shopping malls, grocery stores, department stores, hospitals, schools, universities, libraries and government buildings)

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

SURFACE PREPARATION

- All substrates must be structurally sound, stable, dry, clean, and free of any substance or condition that may reduce or prevent proper adhesion.
- Do not acid-etch surfaces or a previous layer of an *Ultratop Loft* product before applying *Primer LT* [NA].

MIXING

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

- Before use, stir *Primer LT* [NA] to ensure that settling has not occurred during shipment or storage.
- Dilute *Primer LT* [NA] with water at a ratio of 1:1 to 2:1 (water to primer).
- If installing between layers of an *Ultratop Loft* topping: Dilute *Primer LT* [NA] with water at a ratio of 1:1 by weight (water to primer).
- Mix with water in a separate, clean container with a low-speed mixer and paddle to a homogenous consistency. Do not mix at high speeds, which may cause product foaming.

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

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Apply *Primer LT* [NA] with a 3/8" (10 mm) nap roller or brush. Ensure that the surface receives a complete, thin film of product.
2. An additional layer of an *Ultratop Loft* topping can be applied once *Primer LT* [NA] is dry. The minimum waiting time is 2 hours, depending upon the surrounding conditions and substrate porosity.
3. If completed coverage has not been achieved or the original surface is visually showing through, a second coat can be applied typically after 2 to 3 hours.
4. Drying times will vary depending on surface porosity, temperature and humidity. The maximum time allowed until installation of an *Ultratop Loft* topping is 24 hours.
5. If *Primer LT* [NA] dries for more than 24 hours before the application of an *Ultratop Loft* topping, re-apply a second coat and install the *Ultratop Loft* topping within the correct application window.

CLEANUP

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

LIMITATIONS

- Do not install over any substrates containing asbestos.
- Substrate and ambient temperatures during application must be between 50°F and 95°F (10°C and 35°C).
- For use only in dry, interior environments. Do not apply on wet substrates.

Product Performance Properties

Laboratory Tests	Results
VOC content (SCAQMD Rule 1113)	< 100 g per L
Typical VOC content per SCAQMD Rule 1113 testing methods	27 g per L
pH	7.5
Viscosity (RV2 @ 20 rpm)	≥ 900 cps
Density	64.3 lbs. per cu. ft. (1.03 g per cm ³)
Solids content	43% to 45%
Flash point (Seta)	> 212°F (100°C)

Shelf Life and Product Characteristics

Shelf life	1 year when stored in original, unopened packaging at 73°F (23°C) and 50% relative humidity. Protect from freezing during transport and storage.
Polymer type	Acrylic
Consistency	Pourable liquid
Color	White

Application Properties

Window for reapplication at 73°F (23°C)	After 2 to 3 hours of drying time, up to 24 hours, after application over <i>Ultratop Loft</i> products
	After 2 to 5 hours of drying time, up to 24 hours, after application over porous substrates
Application temperature range	50°F to 95°F (10°C to 35°C)

Packaging

Size
Jug: 1.5 U.S. gals. (5.68 L)

Approximate Coverage*

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Size	Coverage
Per 1 U.S. gal. (3.79 L)	200 to 400 sq. ft. (18.6 to 37.2 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 Safety Data Sheet 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.**

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For the most current product data and BEST-BACKEDSM warranty information,
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