

Primer Grip White [NA]

Low-VOC, Synthetic, Resin-Based Primer for *Ultratop*® Loft Toppings



North America [NA]

DESCRIPTION

Primer Grip™ White [NA] is a ready-to-use, low-VOC, synthetic resin-based primer with bond-promoting silica aggregates suspended in dispersion. It enhances the performance and adhesion of MAPEI's *Ultratop Loft* toppings to existing ceramic tile and other difficult-to-bond-to substrates in vertical applications. Suitable for a wide variety of substrates, *Primer Grip White* [NA] combines excellent versatility with an easy, low-odor application.

FEATURES AND BENEFITS

- Ideal primer for use with MAPEI's *Ultratop Loft* toppings on non-absorbent vertical surfaces
- Ready-to-use white latex, which is easy to apply with a roller or brush
- Single-coat application for faster turnaround and lower installation costs
- Low-odor and VOC-compliant: Great for use in interior, occupied environments
- Provides a rough keying surface ideal for polymer-modified mortars, render coats and leveling compounds, ensuring excellent bonding on smooth or low-absorptive substrates
- Easy handling and application properties
- No shotblasting or abrasion required, thus eliminating the resulting dust

WHERE TO USE

- Primer for use with MAPEI's *Ultratop Loft* toppings in interior vertical applications only
- Use to improve the bond of MAPEI's *Ultratop Loft* toppings on nonabsorbent vertical surfaces such as ceramic tile, cement terrazzo and nature stone.

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.
- 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.
- Repair cracks in the substrate before proceeding.
- Do not acid-etch surfaces before applying *Primer Grip White* [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.
- *Primer Grip White* [NA] is ready to use, with no dilution required.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Apply *Primer Grip White* [NA] with a 3/8" (10 mm) nap roller or brush. Ensure that the surface receives a complete, thin film of product.
2. *Ultratop Loft* toppings can be applied once *Primer Grip White* [NA] is dry. The minimum waiting time is 60 minutes, 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 after a longer period of time, 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 Grip White* [NA] dries for more than 24 hours before application of an *Ultratop Loft* topping, re-apply a second, undiluted coat and install the *Ultratop Loft* topping within the correct application window.

CLEANUP

- Clean equipment immediately.
- While *Primer Grip White* [NA] is still fresh, use water to remove it easily from tools.
- *Primer Grip White* [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).
- Do not use for installations subject to water immersion, such as pools.
- For use only in dry, interior environments. Do not apply on wet substrates.
- Do not install over concrete with curing compounds, sealed Saltillo tile or fiber-reinforced plastic (FRP) panels.

- 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 the *Primer Grip White* [NA] dries.

Product Performance Properties

Laboratory Tests	Results
pH	8.5
Viscosity	≥ 2,400 cps (#4 at 20 rpm)
Density	93.64 lbs. per cu. ft. (1.5 g per cm ³)
Solids content	66% to 70%
Flash point (Seta)	> 212°F (100°C)
VOC content (SCAQMD Rule 1113)	< 100 g per L
Typical VOC content per SCAQMD Rule 1113 testing methods	11 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	Synthetic, resin-based
Consistency	Pourable liquid
Color	White

Application Properties

Application temperature range	50°F to 95°F (10°C to 35°C)
Window for reapplication at 73°F (23°C)	2 to 3 hours of drying time, up to 24 hours, from application over porous substrates 2 to 5 hours of drying time, up to 24 hours, from application over nonporous substrates

Packaging

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

Approximate Coverage*

Size	Coverage
Per 1 U.S. gal. (3.79 L)	150 to 300 sq. ft. (13.9 to 27.9 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 (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.**

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Edition Date: July 14, 2025 MK 3006785 (24-2581)

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