



# Ultratop<sup>®</sup> Base Coat<sup>®</sup>

**One-Component, Clear,  
Water-Based Acrylic  
Basecoat for Mapefloor<sup>™</sup>  
Finish Topcoats**



## 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.



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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)
VOCs (Rule #1113 of California's SCAQMD)	120 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 <sup>2</sup> )

\* 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.



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

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**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**  
 1-888-365-0614 (U.S. and Puerto Rico)  
 1-800-361-9309 (Canada)  
**Customer Service**  
 1-800-42-MAPEI (1-800-426-2734)

**Services in Mexico**  
 0-1-800-MX-MAPEI (0-1-800-696-2734)  
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