

Ultrabond ECO 575

Premium Wall-Base Adhesive



NORTH AMERICA [NA]

DESCRIPTION

Ultrabond ECO 575 [NA] is a premium wall-base adhesive specifically designed to provide superior bond and impact resistance for rubber, vinyl and carpet wall base. *Ultrabond ECO 575* [NA] also has been reformulated to offer even greater grab and wet strength, keeping corners wrapped tight. Its light-colored, water-based, acrylic-polymer formulation won't stain even the whitest wall base.

FEATURES AND BENEFITS

- Fast, early grab to hold base in place
- Light color that won't stain
- Impact-resistant bond

WHERE TO USE

- For the installation of wall base (vinyl, rubber and carpet) and also FRP panels (fiberglass reinforced plastic) and various types of wall carpet

LIMITATIONS

- Do not install over any substrates containing asbestos.
- For interior installations only
- Do not install over nonporous paints, wallpaper, vinyl wall coverings, laminates, ceramic tile, metal or similar nonporous materials.

SUITABLE SUBSTRATES

- Gypsum wallboard with paper intact
- Water-based paint residue over gypsum wallboard
- Gypsum and cement-based wall-patching compounds that are hard, durable, well-bonded and fully cured
- Exterior-grade plywood, Group 1, CC type
- Other approved wood underlayments (per the manufacturer's recommendations)
- Fully cured masonry and concrete walls

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

SURFACE PREPARATION

- All substrates must be structurally sound, dry, solid and stable.
- Substrate should be clean and free of dust, dirt, oil, grease, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion. All surfaces must be level, even, flat and smooth.
- Masonry and concrete walls must be free of hydrostatic pressure and moisture issues. Use a quality hygrometer to check moisture/humidity levels.

See the "Surface preparation requirements" reference guide in the Floor Covering Installation Systems section of MAPEI's Website.

MIXING

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

- Ready to use; no mixing necessary

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

Trowel Application Method

1. Select the appropriate notched trowel (see the "Approximate Coverage" chart below).
2. Spread adhesive evenly over the wall surface, keeping the trowel at a 45-degree angle to the substrate. Or spread adhesive evenly over the back of the wall base, keeping the trowel at a 45-degree angle to the back of the base.
3. Install the wall base into the adhesive while it is still fresh.
4. For working time and flash time, refer to the "Application Properties" chart below.
5. Install cove base per the manufacturer's instructions.
6. Roll the entire surface with a small roller. Always roll towards the last piece of base installed.
7. Promptly clean any adhesive smudges from the flooring material's surface with water while the adhesive is still fresh/wet.
8. Clean tools with water while the adhesive is still fresh/wet.

9. Clean with mineral spirits once the adhesive has dried. Use caution with mineral spirits, which may be harmful to some materials.

Cartridge Application Method

1. Ultrabond ECO 575 [NA] can be applied to the back of the base or directly to the wall.
2. Apply the adhesive evenly using a nozzle.
3. Install the wall base into the adhesive while it is still fresh.
4. For working time and flash time, refer to the “Application Properties” chart below.
5. Install cove base per the manufacturer’s instructions.
6. Roll the entire surface with a small roller. Always roll toward the last piece of base installed.
7. Promptly clean any adhesive smudges from the flooring material’s surface with water while the adhesive is still fresh/wet.
8. Clean tools with water while the adhesive is still fresh/wet.
9. Clean with mineral spirits once the adhesive has dried. Use caution with mineral spirits, which may be harmful to some materials.

As an adhesive for FRP panels

1. Select the appropriate notched trowel (see the “Approximate Coverage” chart below).
2. Some product backings may require cleaning, sanding or “roughing up” to improve the mechanical bond. Perform a test bond before application.
3. Measure and pre-fit FRP panels to the wall before applying adhesive.
4. Ensure that wall surface is clean and free of dust and bond-breaking substances before applying adhesive.
5. Uncoated gypsum wallboard and other porous surfaces should be primed with a skimcoat of adhesive.
6. Spread adhesive evenly over the wall surface or back of the panel, keeping the trowel at a 45-degree angle to the substrate.
7. Depending on temperature, humidity and surface porosity, wait 5 to 20 minutes before attaching the panel to the substrate.
8. For working time and flash time, refer to the “Application Properties” chart below.
9. Install FRP panels per manufacturer’s instructions.
10. Roll the entire surface with a heavy-duty extension hand roller to expel air and ensure proper bond. Press firmly with the roller, working from the center to the outer edges.
11. Temporary bracing may be necessary if wall panels are not straight.
12. Promptly clean any adhesive smudges from the flooring material’s surface with water while the adhesive is still fresh/wet.
13. Clean tools with water while the adhesive is still fresh/wet.
14. Clean with mineral spirits once the adhesive has dried. Use caution with mineral spirits, which may be harmful to some materials.

Product Performance Properties

Laboratory Tests	Results
Polymer type	Acrylic-latex-based
Solids content	45% to 65%
VOCs (Section 01350 of California’s CDPH)	Passed
VOCs (Rule #1168 of California’s SCAQMD)	< 40 g per L
pH	8 to 10



Density	10.8 lbs. per U.S. gal. (±0.8); 1.3 g per mL (±0.1)
Flash point (Tag)	> 212°F (100°C)

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

Shelf Life and Product Characteristics

before mixing

Shelf life	2 years when stored in original packaging at 73°F (23°C)
Storage conditions	40°F to 100°F (4°C to 38°C)
Color	Beige
Consistency	Buttery
Trowelability	Light, easy

Application Properties

over porous substrates

	Flash Time*	Working Time**
Wall base (rubber, vinyl and carpet)	0	10 to 25 minutes

* Flash time is the waiting time required before installing the flooring.

** Working time is the window of time for the adhesive to accept flooring.

Note: Flash time and working time may vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.

Packaging

Size
11 U.S. oz. (325 mL)
28.7 U.S. oz. (849 mL)
1 U.S. gal. (3.79 L)
4 U.S. gals. (15.1 L)

Approximate Coverage***

Wall Base (Trowel Application)		
Wall Base Width	Typical Trowel	Coverage
2-1/2" (6.4 cm)	1/8" x 1/8" (3 x 3 mm), saw-tooth	310 to 340 linear ft. per U.S. gal. (25 to 28 linear m per L)
4" (10 cm)		220 to 240 linear ft. per U.S. gal. (18 to 19 linear m per L)
6" (15 cm)		165 to 180 linear ft. per U.S. gal. (13 to 15 linear m per L)

Wall Base (Cartridge Application)		
Wall Base Width	Cartridge Size	Coverage
4" (10 cm)	11 U.S. oz. (325 mL)	18 linear ft. (5.49 linear m) per cartridge
4" (10 cm)	28.7 U.S. oz. (849 mL)	50 linear ft. (15.2 linear m) per cartridge

FRP Panel (Trowel Application)	
Typical Trowel	Coverage
3/32" x 3/32" x 3/32" (2.5 x 2.5 x 2.5 mm), V-notch	50 to 70 sq. ft. per U.S. gal. (1.22 to 1.71 m ² per L)

***Trowel dimensions are depth/width/space. Coverages shown are for estimating purposes only. Actual jobsite coverages may vary according to substrate conditions, type of trowel used and setting practices.

RELATED DOCUMENTS

- Reference guide: "Surface preparation requirements" for floor-covering installation systems[†]

[†]At www.mapei.com

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) or sustainability-durabilite@mapei.com (Canada).

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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.**

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For the most current product data and BEST-BACKEDSM warranty information, visit www.mapei.com.

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