MAPEI®

Ultrabond ECO® 575

Premium Wall-Base Adhesive

DESCRIPTION

Ultrabond ECO 575 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* also has been recently reformulated to offer even greater grab and wet strength, keeping corners wrapped tight. Its acrylic-based, light-colored formulation won't stain even the whitest wall base. In addition, *Ultrabond ECO 575* can be used to install various types of carpet in vertical/wall applications.

FEATURES AND BENEFITS

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

INDUSTRY STANDARDS AND APPROVALS

LEED (Version 3.0) Points Contribution   LEED Points

MR Credit 5, Regional Materials* ....Up to 2 points

IEQ Credit 4.1, Low-Emitting Materials – Adhesives & Sealants ....1 point

* Using this MAPEI product may help contribute to LEED certification of projects in the categories shown above. Points are awarded based on contributions of all project materials.

WHERE TO USE

- For the installation of wall base (vinyl, rubber and carpet) and also FRP panels (fiberglass reinforced plastic)
- Interior light commercial (general office areas, small retail stores)
- Interior commercial (office buildings, restaurants, cafeterias)
- Interior heavy commercial (convention centers, airports, shopping malls, grocery stores, department stores)
- Interior institutional (hospitals, schools, universities, libraries, government buildings)

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 or 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 manufacturer 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.

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- Substrate should be clean and free of dust, dirt, oil, grease, paint, 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.
- Refer to MAPEI's "Surface Preparation Requirements" document for floor-covering installation systems at www.mapei.com.

MIXING

- Ready to use, no mixing necessary

Note: Choose all appropriate safety equipment before use. Refer to the Safety Data Sheet for more information.

PRODUCT APPLICATION

As an Adhesive for Wall Base (rubber, vinyl and carpet)

Trowel Application Method

1. Read all installation instructions thoroughly before installation.
2. Select the appropriate notched trowel (see "Approximate Product Coverages" section).
3. Spread adhesive evenly over the wall surface, keeping the trowel at a 45° angle to the substrate. Or spread adhesive evenly over the back of the wall base, keeping the trowel at a 45° angle to the back of the base.
4. Install the wall base into the adhesive while it is still fresh.
5. For working time and flash time, refer to "Application Table."
6. Install cove base per the manufacturer's instructions.
7. Roll the entire surface with a small roller. Always roll towards the last piece of base installed.
8. Promptly clean any adhesive smudges from the flooring material's surface with water while the adhesive is still fresh/wet.
9. Clean tools with water while the adhesive is still fresh/wet.
10. Use mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials.

Cartridge Application Method

1. Read all installation instructions thoroughly before installation.
2. *Ultrabond ECO 575* can be applied to the back of the base or directly to the wall.
3. Apply the adhesive evenly using a nozzle.
4. Install the wall base into the adhesive while it is still fresh.

5. For working time and flash time, refer to "Application Table."
6. Install cove base per the manufacturer's instructions.
7. Roll the entire surface with a small roller. Always roll towards the last piece of base installed.
8. Promptly clean any adhesive smudges from the flooring material's surface with water while the adhesive is still fresh/wet.
9. Clean tools with water while the adhesive is still fresh/wet.
10. Use mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials.

As an Adhesive for FRP Panels

1. Read all installation instructions thoroughly before installation.
2. Select the appropriate notched trowel (see "Approximate Product Coverages" section).
3. Some product backings may require cleaning, sanding or "roughing up" to improve the mechanical bond. Perform a test bond before application.
4. Measure and pre-fit FRP panels to the wall before applying adhesive.
5. Ensure that wall surface is clean and free of dust and bond-breaking substances before applying adhesive.
6. Uncoated gypsum wallboard and other porous surfaces should be primed with a skimcoat of adhesive.
7. Spread adhesive evenly over the wall surface, keeping the trowel at a 45° angle to the substrate.
8. Depending on temperature, humidity and surface porosity, wait 5 to 20 minutes before attaching the panel to the substrate.
9. For working time and flash time, refer to "Application Table."
10. Install FRP panel per manufacturer's instructions.
11. 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.
12. Temporary bracing may be necessary if wall panels are not straight.
13. Promptly clean any adhesive smudges from the flooring material's surface with water while the adhesive is still fresh/wet.
14. Clean tools with water while the adhesive is still fresh/wet.
15. Use mineral spirits once dried. Use caution with mineral spirits, which may be harmful to some materials.

Product Performance Properties

Laboratory Tests	Results
Polymer type	Acrylic-based
Percent solids	45% to 65%
VOCs (Rule #1168 of California's SCAQMD)	< 40 g/L
pH	8 to 10
Trowelability	Light, easy
Density	10.8 lbs. per U.S. gal. (±0,8); 1,3 g per mL (±0,1)
Consistency	Buttery
Color	Beige
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)
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.

Application Table

Application Characteristics over Porous Substrates		
	Flash†	Working Time††
Wall base (rubber, vinyl and carpet)	0	10 to 25 minutes

† *Flash 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 times may vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.

Packaging

Product Code	Size
1005015	4 U.S. gals. (15,1 L)
1005004	1 U.S. gal. (3,79 L)
1005001	28.7 U.S. oz. (849 mL)
1005002	11 U.S. oz. (325 mL)

Approximate Product Coverages

Wall Base (Trowel Application)		
Wall Base Width	Typical Trowel	Coverage*
2-1/2"	1/8" x 1/8" x 1/8" (3 x 3 x 3 mm)	310 to 340 linear ft. per U.S. gal. (25 to 28 linear m per L)
4"		220 to 240 linear ft. per U.S. gal. (18 to 19 linear m per L)
6"		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"	11 U.S. oz. (325 mL)	18 linear ft. (5,49 linear m) per cartridge
4"	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)	50 to 70 sq. ft. per U.S. gal. (1,22 to 1,71 m² 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.

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RELATED DOCUMENTS

Reference Guide: Surface Preparation Requirements for floor-covering installation systems	RGF0409*

* At www.mapei.com

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

We proudly support the following industry organizations:

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0-1-800-MX-MAPEI (0-1-800-696-2734)

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