



# Ultrabond<sup>®</sup> ECO<sup>®</sup> 3185

## Premium Latex Carpet Pad Cement



### DESCRIPTION

*Ultrabond ECO 3185* latex carpet pad adhesive is a water-based adhesive for fastening carpet padding permanently in place over any flooring surface. It has good initial tack and high strength to prevent movement of padding during stretching or subsequent use. *Ultrabond ECO 3185* has no solvent added and is nonflammable, making it suitable for use in enclosed environments in occupied buildings.

### FEATURES AND BENEFITS

- Quick tack
- Strong bond
- Keeps carpet pad from slipping

### INDUSTRY STANDARDS AND APPROVALS

CRI #104, Standard for Installation Specification of Commercial Carpet

CRI #105, Standard for Installation of Residential Carpet

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

- Interior residential and commercial carpet installations

### LIMITATIONS

- Do not install over any substrates containing asbestos.
- For interior installations only
- Do not install when the moisture vapor emission rate (MVER) exceeds 5 lbs. per 1,000 sq. ft. (2,27 kg per 92,9 m<sup>2</sup>) per 24 hours, when using the anhydrous calcium chloride test (ASTM F1869).
- Install only when the relative humidity of concrete slabs is below 80% (ASTM F2170).
- Use only when the substrate temperature is between 50°F and 90°F (10°C and 32°C).
- If applying *Ultrabond ECO 3185* over radiant-heated floors, do not turn on heat until adhesive is totally cured.

### SUITABLE SUBSTRATES

- Exterior-grade plywood, Group 1, CC type
- Other approved wood underlayments (per manufacturer recommendations)
- Concrete and properly prepared cement terrazzo
- Cement-based self-leveling underlayments and patching compounds
- Embossing levelers applied over existing, properly prepared and fully bonded ceramic tile and sheet vinyl
- A single layer of properly prepared, fully bonded vinyl composition tile (VCT)
- Properly prepared and primed gypsum underlayments that meet the requirements for compressive strength according to ASTM F2419

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

## Product Performance Properties

Laboratory Tests	Results
Polymer type	SBR latex
Percent solids	40% to 45%
VOCs (Rule #1168 of California's SCAQMD)	5 g/L
Density	8.5 lbs. per U.S. gal. (1,1 g per mL)
Consistency	Liquid
Color	Beige
Shelf life	1 year 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)

## Packaging

Product Code	Size
U.S., 98453	1 U.S. gal. (3,79 L)

## Approximate Product Coverage\*

60 to 80 sq. yds. per U.S. gal. (50,2 to 66,9 m<sup>2</sup> per 3,79 L)

*\* Coverages shown are for estimating purposes only. Actual jobsite coverages may vary according to substrate conditions and setting practices.*

## SURFACE PREPARATION

- All substrates must be structurally sound, dry, solid and stable.
- 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.
- Concrete and cement-based underlayments and patches must be fully cured and free of any hydrostatic and/or moisture problems.
- Use anhydrous calcium chloride tests to determine MVERs according to ASTM F1869 or relative humidity moisture probe testing per ASTM F2170.
- Concrete slabs exceeding 5 lbs. (2,27 kg) of MVER or 80% relative humidity should be treated with a moisture vapor reduction product. Refer to Technical Data Sheets at [www.mapei.com](http://www.mapei.com) for information on these products.
- Refer to MAPEI's "Surface Preparation Requirements" document for floor-covering installation systems at [www.mapei.com](http://www.mapei.com).

## MIXING

- Ready to use; no mixing necessary

Choose all appropriate safety equipment before use. Refer to MSDS for more information.

## PRODUCT APPLICATION

- Read all instructions thoroughly before installation.
- Cut pad to fit and fold back at seams and walls.
- Remove cap and puncture safety seal using a screwdriver.
- Pour a 1/4" (6 mm) bead across the subfloor using a zig-zag pattern, keeping away 3" to 4" (7,5 to 10 cm) from walls and padding seams.
- Using a scrap piece of carpet or pad, spread cement to a thin even film at seams and around perimeter of the room.
- Allow *Ultrabond ECO 3185* to flash for 15 to 30 minutes.
- Drop carpet pad into exact position and press into place.
- Install carpet over pad using standard installation methods.

## CLEANUP

Promptly clean any wet adhesive with water. Dried residues from *Ultrabond ECO 3185* can be removed with *Ultrabond 5085* adhesive remover.

Refer to MAPEI's Material Safety Data Sheet (MSDS) for specific data related to VOCs, health and safety, and handling of product.

## STATEMENT OF RESPONSIBILITY

Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith.

**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.**

*We proudly support the following industry organizations:*



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### Customer Service

1-800-42-MAPEI (1-800-426-2734)

**For the most current BEST-BACKED™ product data and warranty information, visit [www.mapei.com](http://www.mapei.com).**

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