

Ultrabond ECO 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

WHERE TO USE

- Interior commercial and residential carpet pad installation

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 m²) 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).
- Do not install if the pH of the concrete slab exceeds 11.
- 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 the adhesive is totally cured.
- Do not install unless the temperature of the prepared concrete slab is at least 5 degrees Fahrenheit (2.8 degrees Celsius) above the dew point, to avoid condensation.

MIXING

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

- Ready to use; no mixing is necessary.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Cut the pad to fit, and fold back at seams and walls.
2. Remove the cap and puncture the safety seal using a screwdriver.
3. 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.
4. Using a scrap piece of carpet or pad, spread cement to a thin even film at seams and around the perimeter of the room.
5. Allow *Ultrabond ECO 3185* to flash for 15 to 30 minutes.
6. Drop the carpet pad into exact position and press into place.
7. Install carpet over the pad using standard installation methods.

CLEANUP

- Promptly clean any adhesive smudges from the flooring material's surface with water while the adhesive is still fresh/wet.
- Clean tools with water while the adhesive is still fresh/wet.
- If the adhesive has dried, clean with mineral spirits. Use caution with mineral spirits, which may be harmful to some materials.

PROTECTION

- Protect from light traffic for 24 hours, and from heavy traffic for 48 hours.

Product Performance Properties

Laboratory Tests	Results
Solids content	40% to 45%
Polymer type	Styrene butadiene rubber latex
pH	9 to 10
VOCs (Rule #1168 of California's SCAQMD)	5 g per L
Density	8.5 lbs. per U.S. gal. (1.1 g per mL)
Flash point (Tag, closed cup) – ASTM D56	> 212°F (100°C)

Shelf Life and Product Characteristics

Shelf life	1 year when stored in original, unopened packaging at 73°F (23°C)
Physical state	Liquid
Color	Beige
Storage conditions	40°F to 100°F (4°C to 38°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.

Packaging

Size

Jug: 1 U.S. gal. (3.79 L)

Approximate Coverage*

per 1 U.S. gal. (3.79 L)

Coverage

60 to 80 sq. yd. (50.2 to 66.9 m²)

**Coverage shown is for estimating purposes only. Actual jobsite coverage may vary.*

RELATED DOCUMENTS

Reference guide: "Surface preparation requirements for resilient/carpet adhesives" 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).

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