

Ultrabond ECO 303

Floor-Repair Adhesive



DESCRIPTION

Ultrabond ECO[®] 303 is a proprietary water-based adhesive formulation designed to be injected under existing wood, tile or resilient flooring to fill hollow spots or areas that have become unbonded. Once cured, *Ultrabond ECO 303* provides a secure and elastomeric bond, reducing hollow sounds under foot and securing loose flooring materials.

FEATURES AND BENEFITS

- Fixes hollow spots
- Secures loose flooring

WHERE TO USE

- For the repair of hollow spots and unbonded areas of installed wood, tile and resilient floors

LIMITATIONS

- Do not install over any substrates containing asbestos.
- Use only when the substrate temperature is between 55°F and 100°F (13°C and 38°C).

SUITABLE SUBSTRATES

- Exterior-grade plywood and other approved wood underlayments (per the flooring manufacturer's recommendations)
- Concrete and cement terrazzo
- Existing ceramic tile
- Cement-based self-leveling underlayments and patching compounds

- Properly primed gypsum underlayments that meet the requirements for compressive strength per ASTM F2419
- Properly installed radiant-heating systems

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.

MIXING

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

- This product is ready to use, with no mixing necessary.

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Identify and locate the hollow spots in the floor by tapping with a wooden stick or broom handle.
2. Drill a hole 1/8" (3 mm) in diameter in the wood flooring, resilient flooring or grout line at each end of the unbonded area. Large hollow areas may require more holes. Vacuum up all debris from the drilled holes.
3. Insert the cartridge into a suitable caulking gun, cut the tip and puncture the inner seal.
4. Push the tip of the nozzle into each of the open holes and inject *Ultrabond ECO 303* until it begins to ooze out of all holes, ensuring a complete fill of the hollow spot.
5. Place a heavy weight on the repair surface and protect the area from foot traffic for 24 hours.
6. After 24 hours, fill drill holes with an appropriately colored caulk, grout or wood patch.

CLEANUP

Immediately clean up any excess *Ultrabond ECO 303* with a clean and damp white cotton cloth or microfiber towel while the adhesive is still fresh/wet. Dried residue will need to be removed by razor scraping or sanding.

Product Performance Properties

Laboratory Tests	Results
Polymer type	Latex polymer
Solids content	50% to 55%
VOCs (Section 01350 of California's CDPH)	Passed
VOCs (Rule #1168 of California's SCAQMD)	< 50 g per L
Density	8.3 lbs. per U.S. gal. (1.0 g per mL)
Flash point (Tag)	> 200°F (93°C)

Shelf Life and Product Characteristics

Shelf life	1 year when stored in original, unopened packaging at 73°F (23°C)
Consistency	Smooth paste
Color	White
Service temperature	55°F to 100°F (13°C to 38°C)
Storage conditions	50°F to 90°F (10°C to 32°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 Properties

at 73°F (23°C) and 50% relative humidity

Open time	30 minutes
Curing time	24 hours

Packaging

Size	Cartridge: 10.5 U.S. oz. (311 mL)
-------------	-----------------------------------

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.**

CONTACT INFORMATION

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

U.S. and Puerto Rico:
Flooring: 1-800-992-6273
Concrete and heavy construction: 1-888-365-0614
Canada:
1-800-361-9309

Customer Service

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

Edition Date: December 12, 2023 MK 3000466 (23-3185)

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

All Rights Reserved. © 2023 MAPEI Corporation.

