

Mapecontact MRT

Moisture-Resistant Tape for Resilient Flooring Installation



DESCRIPTION

MapecontactTM MRT is a double-sided, moisture-resistant tape for the rapid and permanent installation of a wide variety of resilient flooring types. It has been specifically designed to provide instant bond and instant utilization for residential and commercial floor installations. *Mapecontact MRT* is unaffected by high moisture conditions in concrete and can be installed without moisture testing.

FEATURES AND BENEFITS

- Instant use; no waiting for an adhesive to cure
- Resistant to high moisture
- Permits immediate foot traffic

WHERE TO USE

- Approved for use on floors and walls with smooth-backed vinyl tile, plank and sheet; smooth-backed rubber sheet and tile; vinyl and rubber wall base; natural and prefinished cork flooring; and cork underlayment

LIMITATIONS

- Do not install over any substrates containing asbestos.
- For interior installations only
- Install flooring only in areas recommended by the flooring manufacturer.
- Do not use to install flooring with textured, sanded or rough backings.
- Do not install in areas with known alkali silica reaction or osmotic blistering problems.
- Do not install over wet substrates with standing water.
- Do not install when the pH of the concrete slab is greater than or equal to 12.
- Use only when the substrate temperature is between 50°F and 90°F (10°C and 32°C).
- Do not install unless the surface temperature of the substrate is at least 5 degrees Fahrenheit (2.8 degrees Celsius) above the dew point.
- Do not install when the moisture vapor emission rate (MVER) exceeds 25 lbs. per 1,000 sq. ft. (11.3 kg per 92.9 m²) per 24 hours, when using the anhydrous calcium chloride test (ASTM F1869).
- Do not install when the relative humidity (RH) of the concrete slab exceeds 100% (ASTM F2170).

SUITABLE SUBSTRATES

- Concrete (at least 28 days old) that is smooth or steel-troweled by hand or power trowel, as well as cement and epoxy terrazzo
- Exterior-grade plywood and other approved wood substrates (per flooring manufacturer's recommendations)
- High-moisture-rated cement self-leveling underlayments as well as patching and skimcoating compounds
- 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.

SURFACE PREPARATION

- All substrates must be structurally sound, dry, solid, stable and smooth.
- The substrate should be completely clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, and any other substance or condition that may prevent or reduce adhesion.
- Vacuum the surface with the brush attachment and then tack-mop the surface of the substrate using a damp mop to remove any remaining fines. Allow the surface to dry completely before installing *Mapecontact MRT*.
- Substrates must be flat to 3/16" in a 10-ft. span (4.5 mm in a 3.05-m span).
- Concrete and cement-based underlayments/patches must be cured and free of any hydrostatic and/or moisture problems.

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

PRODUCT APPLICATION

Read all installation instructions thoroughly before installation.

1. Mark layout lines before placing *Mapecontact MRT*.
2. Begin by placing the *Mapecontact MRT* roll against the wall, starting at the corner of the room.
3. Peel off enough material to reach the corner of the room and press it into place.
4. Carefully continue to roll out more material, making sure to avoid trapping air during placement.
5. When nearing the opposite side of the room, peel off an excess amount of *Mapecontact MRT*. Cut it with a utility knife and press it into place.
6. Move the roll back to the starting position, peel off a section of *Mapecontact MRT* and butt it up tightly to the previously placed sheet. Do not overlap seams.
7. Continue to roll out and apply *Mapecontact MRT* until the subfloor is completely covered.
8. Trim any excess *Mapecontact MRT* around perimeter of the room using a utility knife.
9. Press *Mapecontact MRT* onto the subfloor by using a shop broom with pressure applied to the entire surface.
10. Peel back enough of the release liner to expose the layout line.
11. Begin to place the flooring in line with the starter line and press into place. Take care to place flooring in proper position because of the extreme difficulty of repositioning flooring materials once bonded to *Mapecontact MRT*.
12. Pull back additional release liner and continue to place flooring. As soon as enough flooring has been placed to work on, the balance of the release liner may be removed and the remaining flooring installed.

Shelf Life and Product Characteristics

VOCs (Rule #1168 of California's SCAQMD)	Adhesive tape is exempt from SCAQMD Rule #1168.
Color	Clear
Shelf life	2 years when stored in original, unopened packaging at 73°F (23°C)
Storage conditions	40°F to 90°F (4°C to 32°C)

Packaging and Coverage

Size	Coverage
Roll: 30" x 200 ft. (0.76 x 61.0 m)	500 sq. ft. (46.5 m ²)
Roll: 1 ft. x 166 ft. (0.30 x 50.6 m)	166 sq. ft. (15.4 m ²)
Roll: 6" x 166 ft. (15 cm x 50.6 m)	83 sq. ft. (7.71 m ²)
Roll: 3" x 166 ft. (7.5 cm x 50.6 m)	41.5 sq. ft. (3.86 m ²)

RELATED DOCUMENTS

- Reference Guide: "Surface preparation requirements" for floor-covering installation systems*

*At www.mapei.com

ADDITIONAL INFORMATION

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-durabilite@mapei.com.

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, visit www.mapei.com.

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