Tape

Mapecontact® 202

Sound Barrier: Window Bracketed Tape for Pavement and Blast Mitigation Installation

MAPEI’s Mapecontact® 202 helps reduce noise and protect against pavement and blast. A dense, woven glass cloth is protected on both sides with a pressure-sensitive adhesive. The tape features a smooth, non-reflection, self-adhesive side and is available in a variety of thicknesses. Mapecontact® 202 is easy to apply and removes cleanly from surfaces. It is effective for sound reduction, dust control, and blast mitigation.

Adhesives

Premium Moisture-Control, Sound-Reduction and Wood-Flooring Adhesive: Ultrabond ECO®

Ultrabond ECO® is MAPEI’s premium, hybrid-polymer-based wood-flooring adhesive. It provides instant bonding and instant utilization in residential and commercial floor installations. With Ultrabond ECO®, you can install resilient and wood flooring with confidence. It offers excellent bonding strength to a variety of substrates, including green concrete, wood, and other resilient materials. Its luxurious white color ensures easy visual confirmation of the adhesive’s presence. Ultrabond ECO® is ideal for residential and commercial applications.

Membranes

Sound-Reduction, Moisture-Resistant Tape for Resilient and Wood Flooring Installation: MapeContact

MapeContact is a double-sided, foam-core, dry-film tape for rapidly and permanently installing resilient flooring. It is a high-quality moisture and sound barrier that effectively prevents sound and moisture transmission. MapeContact is available in a variety of thicknesses to meet the specific needs of your project. It is perfect for soundproofing walls, floors, and ceilings. MapeContact is also available in a self-adhesive version for easy installation. It is easy to apply and remove, making it a versatile option for architects, builders, and installers.

Ultrabond ECO® 995

Ultrabond ECO® 995 is MAPEI’s premium single-component, hybrid-polymer-based wood-flooring adhesive. It offers instant bonding, instant utilization, and moisture vapor emission control on concrete or other substrates. Ultrabond ECO® 995 is designed to bond all types of resilient and wood flooring. It can be used in a single-coat application method that provides a superior bond and moisture vapor emission control on concrete or other substrates. It is ideal for use in multi-unit housing.

Ultrabond ECO® 985

Ultrabond ECO® 985 is an epoxy wood-flooring adhesive that is MAPEI’s premium single-component, hybrid-polymer-based wood-flooring adhesive. It offers instant bonding, instant utilization, and moisture vapor emission control on concrete or other substrates. Ultrabond ECO® 985 is designed to bond all types of resilient and wood flooring. It can be used in a single-coat application method that provides a superior bond and moisture vapor emission control on concrete or other substrates. It is ideal for use in multi-unit housing.

Tips for installing sheet-style sound-control membranes

• Ensure all sound-insulating products fit together. Use your city’s code requirements and the exterior finish to trigger best sound control. One of the most important factors to consider is the installation of a soundscreen. This helps to reduce the transmission of sound. If you are using concrete slabs, make sure they are properly insulated. If you are using resilient floors, make sure they are properly insulated.

• Setting up a sheet sound-control membrane is not a priority, it is a crucial step in ensuring a quality installation. Start by measuring the area where the membrane will be installed. Then, cut the membrane to size using a knife or other cutting tool. Be sure to cut along the correct lines. Finally, place the membrane on the floor and secure it with adhesive or other fasteners as needed. Make sure the membrane is properly aligned with the floor joists. This will help to reduce sound transmission.

• If you are using concrete slabs, make sure they are properly insulated. If you are using resilient floors, make sure they are properly insulated. Make sure the membrane is properly aligned with the floor joists. This will help to reduce sound transmission.

• Did you know…

MAPEI products are designed to work together to provide the best possible performance. When choosing a system, consider the needs of your project and the location of the installation. MAPEI products are available in a variety of colors and finishes to meet your specific requirements. Consult with MAPEI’s Technical Services Department to confirm the system recommendations.

For the most current product data and BEST-BACKED® warranty information, contact MAPEI at 1-800-42-MAPEI (1-800-426-2734) or visit the MAPEI website.
MAPEI’s comprehensive line of sound-reduction products provides the ideal solution for multi-family buildings that are prone to impact noise, such as foot traffic. Designed for commercial and residential properties, these sound-reducing products are compatible with a variety of flooring, including ceramic tile, stone, wood flooring, and luxury vinyl plank.

The features highlighted in this product line show the acoustic ratings. Contact your MAPEI representative for more information.

**Membranes**

- **Mapesonic® 2** - Premium Sound Reduction and Crack-Isolation Underlayment
  - Reduces sound transmission and crack-isolation underlayment for installations of ceramic and porcelain tile, residential properties, and sound-reducing membranes.

- **Mapesonic® RM** - Sound and Crack-Isolation Underlayment
  - A high-performance, acoustic underlayment designed to reduce ambient and impact sound transmissions in installations of ceramic and porcelain tile.

- **Mapeguard 2** - Premium Crack-Isolation and Sound-Reduction Sheet Membrane
  - Reduces transmission of impact sound (such as footsteps and dropped objects, etc.) and airborne sound in grout, ceramic tile, and natural-stone assemblies.

**Features and benefits of MAPEI sound-reduction products**

- **Ultrabond ECO 995** - Moisture-curing urethane primer; or glue-down wood flooring with any MAPEI urethane or hybrid-polymer-based adhesive.
- **Ultrabond ECO 985** - Moisture-curing urethane primer; doesn’t require a primer;
- **Mapecontact SRT** - Barrier with sound-reduction properties; serves as a high moisture barrier with sound-mitigating properties; does not require a primer.
- **Mapesonic RM** - A rubber underlayment made from recycled tires available in thicknesses (2 mm, 5 mm, 10 mm), requiring adhesive to bond to substrate.
- **Mapesonic 2** - A 76-mil, lightweight, peel-and-stick membrane for crack isolation and sound mitigation.

**ICC Ratings**

The following presents acoustic test results for the “typical” installation. Be sure to check with your city and/or building code department for specific requirements.

<table>
<thead>
<tr>
<th>Delta IIC</th>
<th>Finish Flooring Type</th>
<th>ICC Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Typical</strong> Installation</td>
<td><strong>Typical</strong> Installation</td>
<td></td>
</tr>
<tr>
<td>53 / 66*</td>
<td>Resilient and wood flooring</td>
<td>53 / 66*</td>
</tr>
<tr>
<td>54 / 65**</td>
<td>Ceramic tile, stone, glue-down/floated wood flooring</td>
<td>54 / 65**</td>
</tr>
<tr>
<td>55 / 67**</td>
<td>Ceramic tile, stone, glue-down/floated wood flooring</td>
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| **Typical** Installation | **Typical** Installation |
| 53 / 66* | Resilient and wood flooring |
| 54 / 65** | Ceramic tile, stone, glue-down/floated wood flooring |
| 55 / 67** | Ceramic tile, stone, glue-down/floated wood flooring |

* Engineered wood

**Additional assemblies and reports are available, but have not been summarized here.**

Contact MAPEI’s Technical Services Department for acoustical reports and details about assemblies.
Tape

Mapecontact® 207

Sound Resistant: Weather Resistant Tape for Pavement and Block Trenching Installation

Mapecontact® 207 is a general purpose tape to be used in pavement and block trenching. A unique adhesive layer is designed to withstand the stresses of direct traffic and lower temperature. Recommended for use in cold applications. 140°F shields for temperatures up to 140°F. Non-slip surface improves pedestrian comfort. 100% pure polyethylene film. Tapes are stocked in 36” and 50” rolls. Adhesive is a rubber-based cold applied tape. Mapecontact® is 100% weather resistant. Tack film is available in black or white. 3M® Adhesive Resistant HIGH PERFORMANCE SYSTEMS WITH SMALL PORTION OF THE CONSTRUCTION SITE.

Adhesives

Hybrid-Polymer-Based, Moisture-Control and Sound-Reducing Wood-Flooring Adhesive

Mapecontact SRT

Providing sound reduction for multifamily living, it has also been specifically designed for instant application method that provides a superior bond and moisture vapor emission control on concrete slabs. Mapecontact SRT’s formulation provides excellent sound-reduction properties that are required for multi-unit housing projects. Did you know…

Tips for installing sheet-style sound-control membranes

- When selecting a sound-mitigating product to install, consider your city's code requirements and the noise incident level (SNL). The SNL is the sound level at which the noise source is located. To determine the SNL, it is important to know the distance between the noise source and the building's exterior wall.
- Ceiling-mounted sound-control products, in the ceiling and attic areas and surrounding the attic areas, can be a viable option for reducing noise transmission. Metal ceilings can help reduce noise transmission by up to 70%. However, it is important to consider the potential for condensation and moisture build-up. Although the insulation may increase the sound reduction, the increase in insulation thickness can cause the membrane to be more difficult to install. Since the insulation may increase the sound reduction, it is important to consider the potential for condensation and moisture build-up.

- Ceiling-mounted sound-control products can provide up to 70% noise reduction. However, it is important to consider the potential for condensation and moisture build-up. Although the insulation may increase the sound reduction, it is important to consider the potential for condensation and moisture build-up. Since the insulation may increase the sound reduction, it is important to consider the potential for condensation and moisture build-up.

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MAPEI’s comprehensive line of sound-reduction products provides the ideal solution for multi-family buildings that are prone to impact noise, such as test traffic. Designed for commercial and residential properties, these sound-reducing products are compatible with a variety of flooring, including ceramic tile, stone, wood flooring and luxury vinyl plank.

This brochure highlights the products and a few of the acoustic ratings. Contact your MAPEI representative for more information.

### Membranes

**MembraneC 2**

Premium Double-Sided Sound and Crack-Isolation Underlayment

- **Products:** Kerapoxy, Mapei NCC, Mapei NCM. Mapei NCC can be used as a masterbedding material in place of Mapei NCM.
- **Benefits:** A stable, flexible membrane that isolates structural and sound vibrations. It is ideal for applications in apartments, condominiums, and college dormitories, classrooms and office buildings.
- **Uses:** Under ceramic tile, stone, wood adhesive.

**MembraneC 2M**

Premium Crack-Isolation and Crack-Reduction Sheet Membrane

- **Products:** Kerapoxy, Mapei NCC, Mapei NCM. Mapei NCC can be used as a masterbedding material in place of Mapei NCM.
- **Benefits:** A high-performance, acoustic underlayment designed to reduce ambient and impact sound transmissions in installations of ceramic and porcelain tile, wood adhesive.

**MembraneC RM**

Load-bearing, Fabric-Reinforced “Peel-and-Stick” Sound-Reduction and Crack-Isolation Membrane

- **Products:** Kerapoxy, Mapei NCC, Mapei NCM. Mapei NCC can be used as a masterbedding material in place of Mapei NCM.
- **Benefits:** A high-performance, acoustic underlayment designed to reduce ambient and impact sound transmissions in installations of ceramic and porcelain tile, wood adhesive.

### Features and benefits of MAPEI sound-reduction products

- **Ceramic tile, stone, and LVT/LVP**
  - Ultrabond ECO 985
  - Mapecontact SRT
- **Resilient and wood flooring**
  - Mapecontact SRT
- **Membranes**
  - MembraneC 2
  - MembraneC 2M
  - MembraneC RM
- **Additional assemblies and reports are available, but have not been summarized here.**

### IIC Ratings

The following presents acoustic test results for the “typical” installation. Be sure to check with your city and/or municipality to ensure compliance with local noise ordinances.

#### IIC Ratings with 8” concrete slab assemblies

<table>
<thead>
<tr>
<th>Delta IIC</th>
<th>Upset</th>
<th>Mid</th>
<th>Down</th>
<th>Delta IIC</th>
<th>Upset</th>
<th>Mid</th>
<th>Down</th>
</tr>
</thead>
</table>

#### Delta IIC and Impact Sound Mitigation

<table>
<thead>
<tr>
<th>Delta IIC</th>
<th>Upset</th>
<th>Mid</th>
<th>Down</th>
<th>Delta IIC</th>
<th>Upset</th>
<th>Mid</th>
<th>Down</th>
</tr>
</thead>
</table>

### Contact your MAPEI representative for more information.
**Tape**

**Tape**

- **Mapecontact**
  - **995**: Metal pail: 5 U.S. gals.
  - Roll: 6" x 166 ft. (83 sq. ft.)
  - Roll: 1 ft. x 166 ft. (166 sq. ft.)
  - Roll: 3 ft. x 166 ft. (498 sq. ft.)

- **Mapecontact SRT**: Sound-Reduction, Moisture-Resistant Tape for Resilient and Wood Flooring Installation
  - Unaffected by high moisture conditions in concrete and can be installed without moisture testing.
  - Protects resilient floors and wood flooring with a high-quality membrane that is unaffected by moisture.
  - Suitable for new installations or renovation work.
  - Suitable for dryback or click together systems.

- **Mapecontact ECO985**: Eco-friendly, moisture-controlling, sound-reducing membrane
  - High-quality membrane that is environmentally friendly.
  - Suitable for new installations or renovation work.
  - Suitable for dryback or click together systems.

**Adhesives**

- **Ultrabond ECO**: Hybrid-polymer-based, moisture-control and sound-reducing wood-flooring adhesive
  - Suitable for new installations or renovation work.
  - Suitable for dryback or click together systems.

- **Ultrabond ECO 995**: Adhesive for all types of wood flooring and bamboo
  - Suitable for new installations or renovation work.
  - Suitable for dryback or click together systems.

- **Ultrabond ECO 985**: Premium Moisture-Control, Sound-Reduction and Wood-Flooring Adhesive
  - Suitable for new installations or renovation work.
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- **Ultrabond ECO 995**: Adhesive for all types of wood flooring and bamboo
  - Suitable for new installations or renovation work.
  - Suitable for dryback or click together systems.

**Did you know...**

- **Mapecontact SRT**: Easy to install, flexible adhesive that can be butt against the wall or left with a gap.
  - Gap requirements around perimeter walls and interior columns. Are you supposed to overlap sheets, butt the seams, or leave a gap?
  - Paper transitions. Are you supposed to overlap sheets, butt the seams, or leave a gap?
  - Paper covering. Although the membrane should not be cut, paper transitions can be made for a clean finish.
  - Cutting the membrane into smaller sections twice and cut once before applying adhesive or before removing the paper covering. Although cutting the membrane into smaller sections twice and cut once before applying adhesive or before removing the paper covering.
  - The membrane will not stick properly. Always prime if it's required by the manufacturer.

**Technical Services Department**

- Contact MAPEI Technical Services Department to confirm the appropria system recommendations.

**MAPEI**

- MAPEI (MAPEI USA): A world leader in the production of high-quality building materials for the construction industry.
  - Our products are used in a wide variety of applications, including waterproofing, mortars and grouts. For any installation requiring waterproofing, mortars and grouts, MAPEI products applicable for each category of installation are available.
  - MAPEI products are specifically designed to meet the needs of the construction industry.
  - MAPEI's System Warranties provide enhanced coverage, including replacement product and labor.

**System Warranties**

- System warranties from MAPEI provide enhanced coverage, including replacement product and labor.

- MAPEI's System Warranties meet the requirements of both the applicable codes and the manufacturer's recommendations.

- The customer must provide a project warranty when it is a special circumstance.

**Special Circumstances**

- Special circumstance warranties can be requested prior to the start of the installation.

**Warranty Registration**

- Warranty registration must be requested prior to the start of the installation.

**Customer Service**

- Commercial and residential contractors can contact Technical Services Department to confirm the system recommendations.

**System Warranties**

- System warranties from MAPEI provide enhanced coverage, including replacement product and labor.

- MAPEI's System Warranties meet the requirements of both the applicable codes and the manufacturer's recommendations.

- The customer must provide a project warranty when it is a special circumstance.

**Special Circumstances**

- Special circumstance warranties can be requested prior to the start of the installation.

**Warranty Registration**

- Warranty registration must be requested prior to the start of the installation.
MAPEI's comprehensive line of sound-reduction products provides the ideal solution for multi-family buildings that are prone to impact noise, such as foot traffic. Designed for commercial and residential properties, these sound-reducing products are compatible with a variety of flooring, including ceramic tile, stone, wood flooring, and luxury vinyl tile.

### Membranes

**Mapesonic® 2 Sound-Reduction and Crack-Isolation Underlayment**

- **Material:** Laminated, fabric-reinforced underlayment
- **Thickness:** 8 mm
- **Application:** Designed for under floor finishes in installations of ceramic and porcelain tile, natural stone, wood flooring, luxury vinyl tile (LVT), and luxury vinyl plank (LVP), sheet vinyl.

**Mapesonic® AV Sound-Reduction Underlayment**

- **Material:** Foam underlayment
- **Thickness:** 10 mm
- **Application:** Underlayment for sound reduction and crack isolation in installations of ceramic and porcelain tile, natural stone, wood flooring, and luxury vinyl tile.

### Premium Crack-Isolation and Sound-Reduction Sheet Membrane

- **Product:** Mapesonic RM
- **Material:** Rubber membrane
- **Thickness:** 10 mm
- **Application:** Crack-isolation and sound-reduction membrane for multi-family buildings.

### IIC Ratings

<table>
<thead>
<tr>
<th>Delta IIC</th>
<th>Fabrication</th>
</tr>
</thead>
<tbody>
<tr>
<td>54 / NA</td>
<td>Wood</td>
</tr>
<tr>
<td>52 / 69**</td>
<td>Tile/Plank</td>
</tr>
<tr>
<td>51 / NA</td>
<td>Luxury Vinyl</td>
</tr>
</tbody>
</table>

### Features and Benefits of MAPEI Sound-Reduction Products

- **Features:**
  - Sound-reduction and crack-isolation for multi-family buildings
- **Benefits:**
  - Reduces transmission of impact sound (such as footsteps and dropped objects)
  - Helps to prevent existing or future in-plane floor cracks (with movement up to 3/8” wide) from transmitting through floor and cut to size; lower cost and labor vs. systems that require priming and an adhesive to bond to substrate.

### Code Packaging

- **Code:** US
- **Packaging:**
  - **U.S.:** Mapesonic RM
  - **Canada:** Mapesonic 2

### Specifications

- **U.S.:**
  - **Code:** US
  - **Product:** Mapesonic RM
  - **Thickness:** 10 mm
  - **Application:** Crack-isolation and sound-reduction.

- **Canada:**
  - **Code:** CAN
  - **Product:** Mapesonic 2
  - **Thickness:** 10 mm
  - **Application:** Crack-isolation and sound-reduction.

### Data Sheet

<table>
<thead>
<tr>
<th>Material</th>
<th>Type</th>
<th>Short</th>
<th>Long</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood</td>
<td>10 sq. ft</td>
<td>50 / 62</td>
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</tr>
<tr>
<td>Stone</td>
<td>10 sq. ft</td>
<td>50 / 66</td>
<td>50 / 66</td>
<td></td>
</tr>
<tr>
<td>Tile</td>
<td>10 sq. ft</td>
<td>50 / 69</td>
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<td></td>
</tr>
</tbody>
</table>

**Note:** For detailed specifications and installation instructions, contact your MAPEI representative.
MAPEI’s comprehensive line of sound-reduction products provides the ideal solution for multi-family buildings that are prone to impact noise, such as test traffic. Designed for commercial and residential properties, these sound-reducing products are compatible with a variety of flooring, including ceramic tile, stone, wood flooring and luxury vinyl plank.

Contact your MAPEI representative for more information.
**Adhesives**

- **Hybrid-Polymer-Based, Moisture-Control and Sound-Reducing Wood-Flooring Adhesive**
- **Sound-Reduction, Moisture-Resistant Tape for Resilient and Wood Flooring Installation**

**Tape**

- **Mapecontact SRT**
- **Mapecontact**

**Membranes**

- **Mapesonic RM**

**Tips for installing sheet-style sound-control membranes**

- When selecting a sound mitigating product, review your city’s code requirements and the extensive noise mitigation data. Use noise mitigation products to help reduce airborne and impact noise. These products are installed over existing resilient and resilient backer systems. Ask your Mapei representative to provide technical specifications and installation instructions.

**Special System Warranties**

- MAPEI’s System Warranties provide peace of mind and enhanced warranty protection. MAPEI System Warranties are available for used in new construction, replacement, and renovation projects. System Warranties from MAPEI provide enhanced reimbursement of associated replacement costs.

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