SPECIAL APPLICATIONS

Crack Isolation

Crack Protection Kit (25 sq. ft.):
- 12" x 25' AFM roll
- 8oz. #6000 Indoor Primer
- Knife and Instruction Sheet

Crack Suppression Kit (75 sq. ft.):
- 12" x 75' AFM roll
- 16 oz. #6000 Indoor Primer
- Knife and Instruction Sheet

Tile Crack Prevention Kit (125 sq. ft.):
- 30" x 50' AFM roll
- Two bottles of 16 oz. Indoor Primer
- Knife and Instruction Sheet

For Crack Isolation, we recommend using a membrane that will cover the crack a minimum of 1 1/2 times the width of the tile being used and a width sufficient to allow any tile spanning a crack to rest completely on the membrane. AFM is conveniently packaged in a 25 square foot kit, a 75 square foot kit or a 125 square foot kit, which include our water based primer for indoor use.

Sound Control

AFM can be used as a sound isolation membrane. For maximum sound ratings, please consult Protecto Wrap’s Whisper Mat CS literature for Ceramic and Natural Stone applications or Whisper Mat HW and HW Plus for Hardwood Flooring installations.

Sound control is achieved using full floor coverage of both products and detailing the perimeter walls with Whisper Wall Isolation Perimeter Tape. Follow Handbook Section on Sound Rated Floors for the appropriate sound control assembly that is applicable for your installation.

Accessories

- #6000 Water Based Indoor Primer – is used for indoor applications and is sold as a concentrate.
- #8000 Barrier Primer – is used for outdoor applications only.
- #34901 Mod Strip – is used for waterproof detailing around drains, post protrusions, etc.
- #350100 Seal Tape – is a conformable tape used for waterproof detailing in areas where a tight bond is required such as around drains, post protrusions or any similar areas.

ProtectoWrap AFM products are high-quality and easy to apply – but you don’t have to take our word for it. Here’s what well-respected flooring professionals have to say about AFM:

“With the help of a material called a ‘membrane’ at a major international airport we were able to create a floor that could be walked on within four months. With AFM products, we were able to achieve crack isolation, allowing the airport to immediately reopen it without waiting a valuation time. I have recommended Protecto Wrap products to hundreds of contractors and they have all been impressed with the products.”

— Peter Collier, Product Manager, Ames Bros. Distributors Ltd., British Columbia, Canada

“I have been specifying Protecto Wrap products for many years and have always found their products to be of the highest quality and performance. As a result of my experience with AFM, I have recommended to my customers that they use Protecto Wrap products for all their projects.”

— David L. Palmer, President, Palmer Marble & Tile, Inc., West Palm Beach, Florida

“I have been recommending Protecto Wrap products to all of my customers. The results have been outstanding. I have been using AFM for over 10 years and have never had any issues with the product. It is a great product that works very well.”

— John Smith, Construction Manager, Smith & Sons, Baltimore, MD

ProtectoWrap flooring products are available through a nationwide network of flooring products distributors. Call (800) 759-1322 or go to our website at www.protectowrap.com for your nearest distributor.

PROTECTO WRAP COMPANY
2850 Southpark Drive • Denver, CO 80232
(303) 777-0202 • (800) 759-8722 • (646) 331-7772
www.protectowrap.com

AFM® Anti Fracture Membrane
Peel and Stick Crack Isolation for Tile

AFM/WM® Waterproofing System
Peel and Stick Waterproof System for Tile

INTE RIOR • EXTERIOR • COMMERCIAL • RESIDENTIAL

5 Year Warranty

ProtectoWrap is a member of the following trade organizations:

Sound Control
If it’s worth tiling, it is worth protecting with AFM.

Today. Our products meet or exceed waterproofing properties of conventional waterproofing systems. Our innovative waterproofing products are backed by years of testing and experience, and are specifically engineered for tile applications.

**Applications**

- **Description**
  - **TOUGH FABRIC REINFORCEMENT**
  - **TOP**
  - **RELEASE**
  - **PAPER**
  - **40-MIL AGGRESSIVE RUBBERIZED ADHESIVE**

- **Dimensional Stone, Concrete Masonry.**
- **Crack Prevention Kit (30" x 50' plus primer).**
- **Heated Floors, Breezeways.**
- **12" x 25', 12" x 75', 36" x 75'**
- **Condominiums, Residential Homes,**
- **Industrial Facilities, Warehouses,**
- **10. Filing Systems**
- **Complete technical assistance and information are available from Protecto Wrap field technicians and representatives.**
- **For detailed product information or to find a local representative or distributor**
- **AFM and AFM-WM are competitively priced. Contact a local representative or the corporate office for information.**
- **AFM and AFM-WM are manufactured in Denver, CO, and are competitively priced. Contact a local representative or distributor for detailed product information.**
- **Additional product information is available from the manufacturer.**
- **10. Filing Systems**
- **Complete technical assistance and information are available from Protecto Wrap field technicians and representatives.**
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- **AFM and AFM-WM are manufactured in Denver, CO, and are competitively priced. Contact a local representative or distributor for detailed product information.**
- **www.protectowrap.com**
Physical Properties

- **PHYSICAL PROPERTIES**
  - See Table 1.

Installation

- **Installation**
  - **STORAGE & HANDLING**
    - Store all materials in a dry space at temperatures between 50 and 90°F (10°C and 32°C). Do not store in direct sunlight. Do not expose to freezing temperatures.

- **APPLICATION**
  - **Application**
    - **PRIMING**
      - Prior to applying AFM-WM, apply No. 80 Primer to the surface with a brush or roller at an application rate of 150 – 200 sq ft (13.6 – 18.6 sq m). Coverage may vary depending on the porosity of the surface.

- **Priming – Exterior Applications**
  - **Priming – Exterior Applications**
    - Prior to applying AFM-WM, apply No. 80 Primer to the surface with a brush or roller at an application rate of 150 – 200 sq ft (13.6 – 18.6 sq m) or to dry. Coverage may vary depending on the porosity of the surface.

- **Note – No. 6000 Primer can be used full strength for exterior applications.**

Techniques For AFM

- **Techniques For AFM**
  - There are three isolation techniques: crack isolation, full floor coverage, and vertical applications.

- **Crack Isolation**
  - Prime area as described above and allow to dry. Cut the desired length(s) of AFM to cover the crack or seam as follows:
    - 1. Cover the crack from a minimum of 12" (305 mm) in any direction.
    - 2. Mastic must be a minimum of 1/2" thick across the face.
    - 3. Mastic must be at least 3/4" thick (19 mm) at any point on the overlap. A serrated knife can be used to create a serrated edge on the overlap. Trowel the mastic 3" (76 mm) up and 3" (76 mm) out on the floor and 3" (76 mm) up the wall. Press the Detail Tape in a butt joint to the wall.

- **Floor To Wall Transitions and Inside Corners**
  - After priming the floor and wall, apply a 6" (152 mm) strip of AFM-500 Detail Tape tightly at all torn or wall transitions into the corners.

- **Dirt, Dust, or Other Foreign Matter**
  - Remove all dirt, dust, or other foreign matter that may adversely affect the membrane's adhesion.

**APPLICATION**

- **Priming – Interior Applications**
  - Begin the primer process by removing the Pull-Tab Wraps No. 6000

- **Antifracture Membrane**
  - AFM Anti-Fracture Membrane protects your flooring investment in many ways: as an ANTI-FRACTURE MEMBRANE when an individual bridge is created with the membrane.
AFM-WM WATERPROOFING MEMBRANE

AFM-WM is a 40 mil peel-and-stick crack isolation membrane suitable for use beneath thin-set ceramic tile and dimension stone. AFM keeps the unsightly reflective cracks from surfacing in expensive floor finishes. AFM-WM is suitable as an anti-fracture membrane and for waterproofing fountains, decks, kitchen floors and anywhere a waterproof membrane is required beneath thin-set tile installations.

PRODUCT SELECTION

AFM-WM is a 40 mil (1 mm) thick reinforced peel-and-stick sheet waterproofing membrane that is either mixed at the jobsite with clean water or used in its full concentrate form, depending on the condition and porosity of the substrate. It is used in its full concentrate form when used in vertical applications.

AFM/AFM-WM Specifications

<table>
<thead>
<tr>
<th>TABLE 1 TYPICAL PHYSICAL PROPERTIES (AFM AND AFM-WM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness, mil (mm)</td>
</tr>
<tr>
<td>Color</td>
</tr>
<tr>
<td>Blistering (ASTM D432)</td>
</tr>
<tr>
<td>500 mil (1257.7 µm) adhesive only</td>
</tr>
<tr>
<td>Application temperature, °F (°C)</td>
</tr>
<tr>
<td>Service temperature, °F (°C)</td>
</tr>
<tr>
<td>Sound Transmission Class (ASTM E90)</td>
</tr>
<tr>
<td>Impact Insulation Class (ASTM E619)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TABLE 2 PACKAGE INFORMATION (AFM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product</td>
</tr>
<tr>
<td>AFM 500</td>
</tr>
<tr>
<td>AFM 500</td>
</tr>
<tr>
<td>AFM 1000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TABLE 3 PACKAGE INFORMATION (AFM-WM AND AFM 500)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roll size</td>
</tr>
<tr>
<td>12&quot; x 25' (305 mm x 7.6 m)</td>
</tr>
<tr>
<td>12&quot; x 50' (305 mm x 15 m)</td>
</tr>
<tr>
<td>24&quot; x 25' (610 mm x 7.6 m)</td>
</tr>
<tr>
<td>24&quot; x 50' (610 mm x 15 m)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TABLE 4 PACKAGE INFORMATION (PRIMERS AND MASTIC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
</tr>
<tr>
<td>No. 8000 - Indoor</td>
</tr>
<tr>
<td>No. 8000 - Outdoor</td>
</tr>
<tr>
<td>No. 8000 - Outdoor</td>
</tr>
</tbody>
</table>

Shipment Information AFM-WM & AFM500

<table>
<thead>
<tr>
<th>ITEM SIZE</th>
<th>ROLL/CASE</th>
<th>CS/PALLET</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot; x 75' AFM 500</td>
<td>4</td>
<td>30</td>
</tr>
<tr>
<td>6&quot; x 50' AFM500</td>
<td>8</td>
<td>30</td>
</tr>
<tr>
<td>12&quot; x 35' AFM500</td>
<td>4</td>
<td>30</td>
</tr>
</tbody>
</table>

PRIMER/MASTIC

<table>
<thead>
<tr>
<th>PRIMER/MASTIC</th>
<th>TYPE</th>
<th>SIZE</th>
<th>QUANTITY/CASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 6000 - Indoor</td>
<td>16 oz bottle</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>No. 8000 - Indoor</td>
<td>gallon bottle</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>No. 8000 - Exterior</td>
<td>gallon can</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>No. 8000 - Exterior</td>
<td>5 gallon pail</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>JS160H Mastic</td>
<td>15.5 L tub</td>
<td>36</td>
<td></td>
</tr>
</tbody>
</table>

PACKAGING

AFM-WM shares AFM's composition properties, and it has a 2" (51 mm) overlap guide, which provides an adhesive-to-adhesive cohesive bond on the side laps. The aggressive rubberized adhesive membrane. The membrane is tacky on the top, providing for superior adhesion to ceramic, steel and other substrates. The top fabric makes an excellent bonding surface for the thin membrane Peel-Mastic, an acid or latex based adhesive, and the peel tab allows easy opening and stripping of the membrane. The cohesive bond occurs, AFM-WM turns into a monolithic or single-layer membrane specifically designed for use under ceramic tile, porcelain and natural stone in wet areas, wetrooms, shower enclosures and where floor cracking in conjunction with thin-set methods. The membrane has the flexibility and strength to withstand structural movement and natural causes such as a 0.25" (6.4 mm) movement. The aggressive rubberized adhesive membrane. The membrane is tacky on the top, providing for superior adhesion to ceramic, steel and other substrates. The top fabric makes an excellent bonding surface for the thin membrane Peel-Mastic, an acid or latex based adhesive, and the peel tab allows easy opening and stripping of the membrane. The cohesive bond occurs, AFM-WM turns into a monolithic or single-layer membrane specifically designed for use under ceramic tile, porcelain and natural stone in wet areas, wetrooms, shower enclosures and where floor cracking in conjunction with thin-set methods. The membrane has the flexibility and strength to withstand structural movement and natural causes such as a 0.25" (6.4 mm) movement.

LIMITATIONS

The following limitations apply to both AFM and AFM-WM:

- Do not use over wet primer.
- Do not over-applied adhesive membranes and is thin enough to be utilized in wet areas. The aggressive rubberized adhesive membrane. The membrane is tacky on the top, providing for superior adhesion to ceramic, steel and other substrates. The top fabric makes an excellent bonding surface for the thin membrane Peel-Mastic, an acid or latex based adhesive, and the peel tab allows easy opening and stripping of the membrane. The cohesive bond occurs, AFM-WM turns into a monolithic or single-layer membrane specifically designed for use under ceramic tile, porcelain and natural stone in wet areas, wetrooms, shower enclosures and where floor cracking in conjunction with thin-set methods. The membrane has the flexibility and strength to withstand structural movement and natural causes such as a 0.25" (6.4 mm) movement.

ACCESSORY MATERIALS

- No. 6003 Primer – This high tack water based primer is ideal for use on indoor applications. This high tack water based primer is ideal for use on indoor applications. This high tack water based primer is ideal for use on indoor applications.
**AFM-WM WATERPROOFING MEMBRANE**

AFM-WM Waterproofing Membrane not only protects your flooring investment as a crack suppression membrane, but also incorporates a 2” overlap guide on one side of the sheet for waterproofing, sound control and as a radon barrier. The 2” flood coated lap allows an adhesive-to-adhesive cohesive bond between subsequent sheets of membrane. Once the cohesive bond occurs, AFM-WM turns into a monolithic or single-ply membrane across the entire surface being waterproofed.

See the installation instructions and details on the following pages. When completed and flood tested, you can immediately apply thin-set and tile — there is no waiting for the membrane to cure!

**PRODUCT SELECTION**

AFM-WM is a 40 mil peel-and-stick crack isolation sheet waterproofing membrane for use beneath thin-set tile and stone applications. AFM keeps the unsightly reflective cracks (from the expansion and contraction of shrinkage cracks) from surfacing in expensive floor finishes. AFM-WM is suitable as an anti-fracture membrane and for waterproofing fountains, decks, breezeways or anywhere sub-floor cracking in floors can cause problems with the performance of the floor. Both AFM and AFM-WM can be used for interior and exterior applications.

**AFM/AFM-WM Specifications**

<table>
<thead>
<tr>
<th>Roll size</th>
<th>Roll/case</th>
<th>Cases/pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>9” x 75’ (230 mm x 23 m)</td>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>12” x 75’ (305 mm x 23 m)</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>12” x 50’ (305 mm x 15 m)</td>
<td>8</td>
<td>30</td>
</tr>
<tr>
<td>12” x 75’ (305 mm x 23 m)</td>
<td>1</td>
<td>30</td>
</tr>
<tr>
<td>12” x 75’ (305 mm x 23 m)</td>
<td>3</td>
<td>30</td>
</tr>
<tr>
<td>36” x 75’ (914 mm x 23 m)</td>
<td>1</td>
<td>30</td>
</tr>
<tr>
<td>12” x 75’ (305 mm x 23 m)</td>
<td>4</td>
<td>30</td>
</tr>
</tbody>
</table>

**TILING 09 03 00**

**TABLE 1 TYPICAL PHYSICAL PROPERTIES (AFM AND AFM-WM)**

<table>
<thead>
<tr>
<th>Property</th>
<th>AFM (1 mil)</th>
<th>AFM-WM (1 mil)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness, mil (mm)</td>
<td>40 (1)</td>
<td>40 (1)</td>
</tr>
<tr>
<td>Color</td>
<td>Gray top, black adhesive bottom</td>
<td>Gray top, black adhesive bottom</td>
</tr>
<tr>
<td>Blangaint (ASTM D412), %</td>
<td>500% (3x adhesive soluble only)</td>
<td>500% (3x adhesive soluble only)</td>
</tr>
<tr>
<td>Application temperature, °C</td>
<td>45 - 120 (7 - 49)</td>
<td>-20 - 180 (-29 - 82)</td>
</tr>
<tr>
<td>Service temperature, °C</td>
<td>45 - 120 (7 - 49)</td>
<td>-20 - 180 (-29 - 82)</td>
</tr>
</tbody>
</table>

**TABLE 2 PACKAGE INFORMATION (AFM)**

<table>
<thead>
<tr>
<th>Product</th>
<th>Roll size</th>
<th>Roll/case</th>
<th>Cases/pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>JS160H Mastic</td>
<td>10.5 x tube</td>
<td>26</td>
<td></td>
</tr>
</tbody>
</table>

**TABLE 4 PACKAGE INFORMATION (PRIMERS AND MASTIC)**

<table>
<thead>
<tr>
<th>Material</th>
<th>Size</th>
<th>Quantity/case</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 6900 - Indoor</td>
<td>1 gallon (3.8 L)</td>
<td>4</td>
</tr>
<tr>
<td>No. 80 - Outdoor</td>
<td>1 gallon (3.8 L)</td>
<td>4</td>
</tr>
<tr>
<td>No. 80 - Outdoor</td>
<td>5 gallon (19 L)</td>
<td>1</td>
</tr>
</tbody>
</table>

**LIMITATIONS**

The following limitations apply to both AFM and AFM-WM:

- Do not install on wet primer.
- Not recommended for use on concrete floors where hydrostatic head pressure exists or moisture vapor transmission is excessive. No. 80 Primer, No. 9 Primer, No. 6900 Primer.
- Not recommended for use where horizontal floor movement is greater than 0.010” (0.25 mm).
- Cracks longer than 2’ (0.5 m) should be repaired with proper backing material and treated in accordance with TCA NA 125.
- Do not use on cracks or control joints larger than 0.010” [0.25 mm]. Joints that are designed to experience movement should be treated in accordance with TCA NA171.
- Do not use on any solvent-based sealants or around AFM and AFM-WM as they may deteriorate the product.
AFM Anti Fracture Membrane protects your flooring investment in many ways: as an ANTI-FRACTURE MEMBRANE, bridging horizontal cracks up to 1/4” in full floor thin-set applications, or as a CRACK ISOLATION MEMBRANE when an individual crack is bridged with the membrane.

Installation is easy — just prime, peel and stick! Ceramic tile, marble, stone or any suitable flooring surface can be immediately installed, with no curing time needed.

The AFM data sheet follows. See also the Special Application section on Crack Isolation and Sound Control.

**PRODUCT SELECTION**

AFM is a 40 mil peel and stick crack isolation sheet membrane for use beneath thin-set tile and stone applications. AFM keeps the unsightly reflective cracks (from the expansion and contraction of shrinkage cracks) from surfacing in expensive finish floors. #6000 Primer is a high tack water based primer for use on indoor applications. #6000 Primer is sold as a concentrate. It is either mixed with the AFM in water or used in its full concentrate form, depending on the condition and porosity of the substrate. It is used in its full concentrate form when used in vertical applications.

#80 Primer is a high tack exterior grade primer. It contains solvents; a VOC compliant formula is available upon request.

**SHIPPING INFORMATION**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>SIZE</th>
<th>QTY/CASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8000 - Indoor</td>
<td>16 oz. bottles</td>
<td>9</td>
</tr>
<tr>
<td>#8000 - Indoor</td>
<td>1 gallon bottles</td>
<td>4</td>
</tr>
<tr>
<td>#8000 - Outdoor</td>
<td>1 gallon bottle</td>
<td>4</td>
</tr>
<tr>
<td>#8000 - Outdoor</td>
<td>5 gallon pack</td>
<td>1</td>
</tr>
</tbody>
</table>
PRODUCT SELECTION GUIDE

WHY SPECIFY PROTECTO-WRAP® FLOORING MEMBRANES?

Protecto Wrap Company has been manufacturing waterproofing membranes since 1932 and has built a solid reputation for producing the highest quality materials available on the market today. Our products meet or exceed waterproofing properties of sheet membrane manufacturers’ liquid coatings for asphalt and styrene/ethylene butadiene/styrene, and are often noted for the benefit of our customers and suppliers in terms of ease of application and long-lasting performance.

If it’s built with it, it’s worth specifying with APRM.

**AM** is designed for the wall to application; installations requiring more than 1” of this material need to be reviewed with a self-leveling compound or a pre-mortar bed and allowed to cure prior to installation of **AM**. self-leveling mortar shall be installed in the wall.

<table>
<thead>
<tr>
<th><strong>AM</strong></th>
<th><strong>AM-WM</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Same as <strong>AM</strong>, with a 2” and sides available for underwater, sound normal, and radiant flooring.</td>
</tr>
<tr>
<td><strong>Typical Applications</strong></td>
<td>Arches, decks, stairs, office buildings, recreational areas, commercial and retail buildings, workshops, storage/containments, rice storage, corn storage, and warehouses, radiant heater foot, floor systems.</td>
</tr>
<tr>
<td><strong>Installed on</strong></td>
<td>Ceramic tiles, plywood, solid floor panels, USG, gypsum, metal bars, ceramic tiles, rubberized asphalt, polyurethane, rubber/mastic, roof super-insulation, 10” wide laps, 2” overlap, expanded polystyrene, and 2” x 2” with a 2” overlap reinforced wrapper.</td>
</tr>
<tr>
<td><strong>Thickness</strong></td>
<td>Same as <strong>AM</strong>.</td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>12” x 20”, 12” x 25”, 12” x 30”</td>
</tr>
<tr>
<td><strong>Availability</strong></td>
<td>Peel and stick with primer.</td>
</tr>
</tbody>
</table>

**AM-WM** is designed for the floor to application; installations requiring more than 1” of this material need to be reviewed with a self-leveling compound or a pre-mortar bed and allowed to cure prior to installation of **AM-WM**. latex-modified mortar shall be installed in the floor.

<table>
<thead>
<tr>
<th><strong>AM-WM</strong></th>
<th><strong>AM-WM</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Same as <strong>AM-WM</strong>, with a 2” and sides available for underwater, sound normal, and radiant flooring.</td>
</tr>
<tr>
<td><strong>Typical Applications</strong></td>
<td>Arches, decks, stairs, office buildings, recreational areas, commercial and retail buildings, workshops, storage/containments, rice storage, corn storage, and warehouses, radiant heater foot, floor systems.</td>
</tr>
<tr>
<td><strong>Installed on</strong></td>
<td>Ceramic tiles, plywood, solid floor panels, USG, gypsum, metal bars, ceramic tiles, rubberized asphalt, polyurethane, rubber/mastic, roof super-insulation, 10” wide laps, 2” overlap, expanded polystyrene, and 2” x 2” with a 2” overlap reinforced wrapper.</td>
</tr>
<tr>
<td><strong>Thickness</strong></td>
<td>Same as <strong>AM-WM</strong>.</td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>12” x 20”, 12” x 25”, 12” x 30”</td>
</tr>
<tr>
<td><strong>Availability</strong></td>
<td>Peel and stick with primer.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Sizes Available</strong></th>
<th>Peel and stick with primer.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thickness</strong></td>
<td>12” x 20”, 12” x 25”, 12” x 30”</td>
</tr>
</tbody>
</table>

**AFM** is designed for the wall to application; installations requiring more than 1” of this material need to be reviewed with a self-leveling compound or a pre-mortar bed and allowed to cure prior to installation of **AFM**. self-leveling mortar shall be installed in the wall.

**AFM-WM** is designed for the floor to application; installations requiring more than 1” of this material need to be reviewed with a self-leveling compound or a pre-mortar bed and allowed to cure prior to installation of **AFM-WM**. latex-modified mortar shall be installed in the floor.

<table>
<thead>
<tr>
<th><strong>AFM</strong></th>
<th><strong>AFM-WM</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Same as <strong>AM-WM</strong>, with a 2” and sides available for underwater, sound normal, and radiant flooring.</td>
</tr>
<tr>
<td><strong>Typical Applications</strong></td>
<td>Arches, decks, stairs, office buildings, recreational areas, commercial and retail buildings, workshops, storage/containments, rice storage, corn storage, and warehouses, radiant heater foot, floor systems.</td>
</tr>
<tr>
<td><strong>Installed on</strong></td>
<td>Ceramic tiles, plywood, solid floor panels, USG, gypsum, metal bars, ceramic tiles, rubberized asphalt, polyurethane, rubber/mastic, roof super-insulation, 10” wide laps, 2” overlap, expanded polystyrene, and 2” x 2” with a 2” overlap reinforced wrapper.</td>
</tr>
<tr>
<td><strong>Thickness</strong></td>
<td>Same as <strong>AM-WM</strong>.</td>
</tr>
<tr>
<td><strong>Size</strong></td>
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<td><strong>Availability</strong></td>
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**AFM-WM** is designed for the wall to application; installations requiring more than 1” of this material need to be reviewed with a self-leveling compound or a pre-mortar bed and allowed to cure prior to installation of **AFM-WM**. self-leveling mortar shall be installed in the wall.

**AFM-WM** is designed for the floor to application; installations requiring more than 1” of this material need to be reviewed with a self-leveling compound or a pre-mortar bed and allowed to cure prior to installation of **AFM-WM**. latex-modified mortar shall be installed in the floor.

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<td><strong>Typical Applications</strong></td>
<td>Arches, decks, stairs, office buildings, recreational areas, commercial and retail buildings, workshops, storage/containments, rice storage, corn storage, and warehouses, radiant heater foot, floor systems.</td>
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<tr>
<td><strong>Installed on</strong></td>
<td>Ceramic tiles, plywood, solid floor panels, USG, gypsum, metal bars, ceramic tiles, rubberized asphalt, polyurethane, rubber/mastic, roof super-insulation, 10” wide laps, 2” overlap, expanded polystyrene, and 2” x 2” with a 2” overlap reinforced wrapper.</td>
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**PRODUCT SELECTION GUIDE**

**WHY SPECIFY PROTECTO WRAP’S FLOORING MEMBRANES?**

Protecto Wrap Company has been manufacturing waterproofing membranes since 1952 and has a solid reputation for producing the highest quality materials available on the market today. Our products meet or exceed waterproofing properties of sheet membranes or liquid coatings for almost any job specifications and we strive to offer the highest possible performance and durability to exceed your expectations. With the quality of our products, we are committed to producing the best product for your underlayment demands.

**IF IT'S WORKING IT'S WORTH UPDATING WITH AFM**

**AFM** is designed for the one who has application ambitions requiring more than 1/4") of thin-set material to be installed over a thin-voiled membrane or a tile on a non-porous surface. It is often used on both floors and walls, and can be applied by motar or trowel. It is designed to permanently bond to concrete, other concrete products, fiberglass, particle board, precast, slate, and wood. It is also available as a liquid coating.

**AFM-WM** is a water-proofing membrane that is applied over AFM and adheres to the surface with the aid of a solvent-based primer. It is designed for the one who desires a full, permanent seal instead of a temporary bond. The AFM-WM is designed to be used as a complete waterproofing system, and can be applied over AFM or any other Protecto Wrap's membrane or coating. It is also available as a liquid coating.

**AFM500** is designed for thin-set tile applications. Producing the best product for your tile underlayment dollar. We are committed to service to back the quality of our products. We are committed to producing the best product for your underlayment demands.

**AFM Anti Fracture Membrane** is made of a tough fabric top on an aggressive rubberized adhesive that has the flexibility and strength to achieve maximum performance and durability. The material can be used to suppress cracks and anti-fracture overlaps, as well as to provide a cohesive bond between the base and the mastic. It is recommended for use in conditions where the membrane may be subjected to stress or strain, such as in commercial buildings, apartments, condominiums, commercial restaurants, department stores, and more. The membrane is easy to apply, with a peel and stick application method, and can be used in both new and existing construction projects.

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**SPECIAL APPLICATIONS**

**Crack Isolation**

For Crack Isolation, we recommend using a membrane that will cover the crack a minimum of 1.5 times the width of the tile being used and a width sufficient to allow any tile spanning a crack to rest completely on the membrane. AFM is conveniently packaged in a 25 square foot kit, a 75 square foot kit or a 125 square foot kit, which includes our water-based primer for indoor use.

**Crack Protection Kit (25 sq. ft.):**
- 12" x 25' AFM roll
- 8oz. #6000 Indoor Primer
- Knife and Instruction Sheet

**Crack Suppression Kit (75 sq. ft.):**
- 12" x 75' AFM roll
- 16 oz. #6000 Indoor Primer
- Knife and Instruction Sheet

**Tile Crack Prevention Kit (125 sq. ft.):**
- 30" x 50' AFM roll
- Two bottles of 16 oz. Indoor Primer
- Knife and Instruction Sheet

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**Accessories**
- #6000 Water Based Indoor Primer – is used for indoor applications and is sold as a concentrate.
- #80 Exterior Primer – is used for outdoor applications only.
- JS160H Mastic – is used for waterproof detailing around drains, posts, protrusions, etc.
- AFM500 Detail Tape – is a conformable tape used for waterproof detailing inside corners, around drains, posts, protrusions or any similar areas.

**Protecto Wrap**

Protecto Wrap products are high-quality and easy to apply – but you don’t have to take our word for it. Here’s what well-respected flooring professionals have to say about AFM:

“With the material we installed to date, AFM has been excellent. It has been in place for over four months and has not dried out. The product is very easy to apply, and it has performed as expected in terms of weathering and expansion. It has performed well in areas that experience varying temperatures.”

- Keith Fischer, Tiles & Stones/West Inc, Naples, Florida

“Protecto Wrap offers a cost competitive and durable anti-fracture membrane that is tolerant to movement, allowing the installer to immediately tile over without waiting for curing time. I have recommended Protecto Wrap products to hundreds of contractors and DIY customers.”

- Peter Collier, Product Manager, Lincs Bros., British Columbia, Canada

“The anti-fracture products (AFM) have greatly improved our productivity and virtually eliminated our crack call backs. AFM not only provides a guaranteed product, it virtually eliminates our crack call back. It can be used in indoor and outdoor applications, and it can be used in areas where there is a lot of moisture. It’s a great product that works well and saved us time.”

- Ken Hercenberg, CSI, CCS, CCCA, Specifier, Baltimore, MD

“Protecto Wrap flooring products are available through a nationwide network of flooring products distributors. Call (800) 719-1132 or go to our website at www.protectowrap.com for your nearest distributor.”

**PROTECTO WRAP COMPANY**

1955 South Cherokee • Denver, CO 80223
(303) 777-3001 • (800) 719-1132 • FAX (303) 777-9273
www.protectowrap.com

Protecto Wrap is a member of the following trade organizations:

- **PRIMER**
- **AFM**
- **MODIFIED**
- **THIN SET**
- **SUBFLOOR**
- **TILE OR STONE**
SPECIAL APPLICATIONS

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Crack Isolation Kit (25 sq. ft.):
• 12” x 25’ AFM roll
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Sound Control

AFM can be used as a sound isolation membrane. For maximum sound ratings, please consult Protecto Wrap’s Whisper Mat CS literature for Ceramic and Natural Stone applications or Whisper Mat HW and HW Plus for Hardwood Flooring installations.

Sound control is achieved using full floor coverage of both products and detailing the perimeter walls with Whisper Wall Isolation Perimeter Tape. Follow Handbook Section on Sound Rated Floors for the appropriate sound control assembly that is applicable for your installation.

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• #6000 Water Based Indoor Primer – is used for indoor applications and is sold as a concentrate.
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“Things I have materials installed in a ‘test bed’ at a major international airport covered with porcelain tile. This has been in place for four months with 100% production using various types of equipment. To date, your products are the only tile that has not failed, and appears to have succeeded in passing the test at the airport authority has evaluated it to be installed in further areas, and has been recommended for all future expansion.”

— Keith Fischer, Tiles & Stones/West Inc, Naples, Florida

“Protecto Wrap offers a cost competitive and affordable, anti-fracture membrane that is easy to use and allows the installer to immediately lay tiles over without waiting periods. I have recommended Protecto Wrap products to hundreds of contractors and DIY customers.”

— Peter Collier, Product Manager, Ames Bros. Distributors Ltd., British Columbia, Canada

“The anti-fracture products AFM have greatly improved our productivity and virtually eliminated our crack call back. AFM not only provides a gap seal but it allows the installer to immediately lay tiles over without waiting periods. We use Protecto Wrap products in commercial and residential areas. We have found Protecto Wrap products to be user friendly, natural stone and the materials.

— Peter Collier, Product Manager, Ames Bros. Distributors Ltd., British Columbia, Canada

“I have been specifying Protecto Wrap products for many years and have always found their products to be the finest quality. When I specify Protecto Wrap products, I am impressed with their ability to handle movement, I don’t realize the full benefits of a tile installer until they install their first expansion floor. By not waiting for the curing of a liquid or trowel applied product, installation time is cut in half. I see a definite benefit when working on limited accessibility and extensive traffic. Thanks for developing an affordable product that works great and saves time.”

— Ken Hercenberg, CSI, CCS, CCCA, Specifier, Baltimore, MD

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Protecto Wrap Flooring Products That Protect

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