



# AFM<sup>®</sup> Anti Fracture Membrane

## Peel and Stick Crack Isolation for Tile

AFM Anti Fracture Membrane is made up of a tough fabric top with an aggressive rubberized adhesive that has the flexibility and strength to withstand structural movement and concrete shrinkage cracks up to 3/8" without transferring the stress load to the finished tile topping.

AFM protects your flooring investment in many ways: as an ANTI FRACTURE MEMBRANE, bridging horizontal cracks up to 3/8" in full floor thin-set applications, or as a CRACK ISOLATION MEMBRANE when an individual crack is bridged with the membrane. Meets or exceeds ANSI 118.12.

### PROPERTIES AFM

Adhesive	Rubberized Adhesive
Applications	Residential & Commercial
Thickness	40 mil (1 mm)
Elongation (ASTM D412), %	500 min (rubberized adhesive only)
Application Temp	45°F - 120°F (7°C - 49°C)
Service Temp	-20°F - 180°F (-29°C - 82°C)
UV exposure	30 Days
Color	Grey
Warranty	10 Year Limited Warranty

### DESCRIPTION

For use under thin-set tile and dimensional stone installations as a crack suppression and anti fracture membrane.

### APPROVED SUBSTRATES/FOR USE OVER

- Exterior glue plywood
- Concrete
- Cement terrazzo
- Gypcrete
- Radiant heated subfloors
- Portland based leveling and patching compounds
- Mortar beds
- Cement backer board
- Ceramic tile & dimensional stone
- Stained Concrete
- Metal
- Oriented strand board (OSB)

### AVAILABLE SIZES

- 36" x 75' Roll
- 12" x 75' Roll
- Crack Protection Kit (12" x 25' includes primer)
- Crack Suppression Kit (12" x 75' includes primer)

### TYPICAL APPLICATIONS

- Commercial
- Multi-family
- Healthcare
- Educational
- Residential
- Hospitality
- Municipal
- Government

### ACCESSORIES

- PW 6000 Primer
- Protecto Universal Water Based Primer™



**INSTALLATION IS EASY – JUST PRIME, PEEL & STICK!**

Thin-set ceramic tile and dimensional stone can be immediately installed, with no curing time needed.



COMMERCIAL

RESIDENTIAL



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### HEAVY DUTY ROBINSON RATING

#### INSTALLATION

There are 3 installation techniques:

- Crack Isolation
- Full Floor Coverage
- Vertical Application

See product data sheet for detailed installation information at [www.protectowrap.com](http://www.protectowrap.com).



1

**PRIME & ALLOW TO DRY**



2

**CUT MEMBRANE TO LENGTH**



3

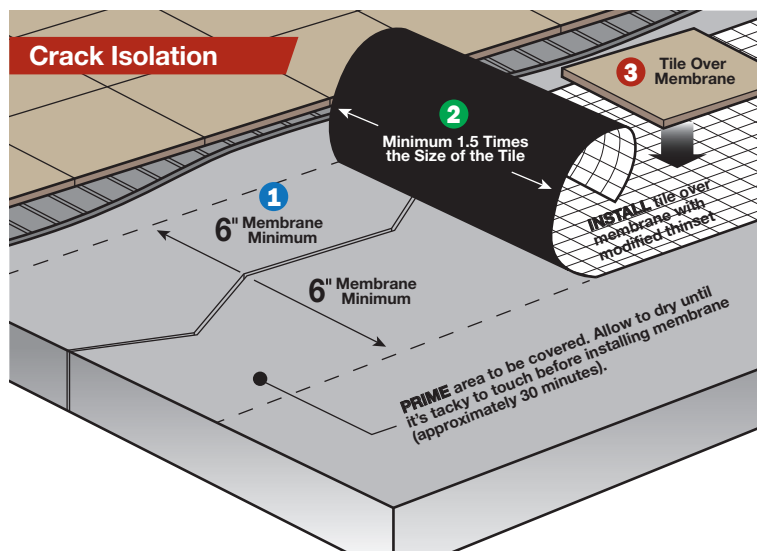
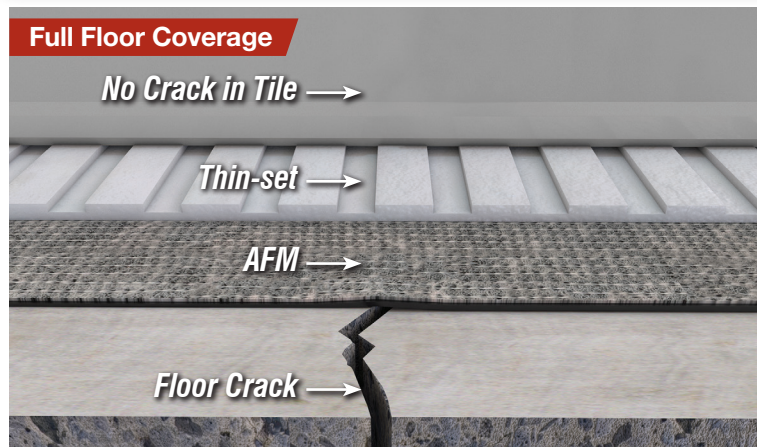
**APPLY MEMBRANE**



4

**USE MODIFIED THIN-SET**

**LIMITATIONS** See data sheet at [www.protectowrap.com](http://www.protectowrap.com).



- 1 Membrane minimum 6" on either side of crack**  
*Note: 12" wide AFM can be turned perpendicular to the crack to achieve width*
- 2 Membrane minimum 1.5 times the size of the tile**  
*Example: 8" tile = 12" wide membrane or 24" tile = 36" wide membrane*
- 3 Any portion of tile over crack must be completely supported by membrane**

Protecto Wrap is a proud member of the following trade organizations:



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AFM-200 (3-22)