

## APPLICATION INSTRUCTIONS

### 1. Product Description

- 1.1 EnForce™ Protection Board is a non-woven synthetic thermoplastic board designed to protect waterproofing membrane from backfill damage and aid the drainage of water away from the foundation wall.

### 2. Packaging

- 2.1 3' x 4' x .75" sheets, 120 sheets per pallet  
3' x 4' x 1.25" sheets, 80 sheets per pallet  
3' x 4' x 2.5" sheets, 40 sheets per pallet  
packaged on 4'x6' pallets

### 3. Basic Uses

- 3.1 EnForce Protection Board is used as a drainage and protection layer with Tremco waterproofing membranes.

### 4. Collection Systems

- 4.1 EnForce protection board must be used with an effective and adequately functioning interior, exterior, or an interior/exterior combination foundation drainage system.

### 5. Attachment Method

- 5.1 EnForce Protection Board requires mechanical attachment. Fasteners with washers are required and should be spaced no more than 12" apart. In harsh soil conditions and heavy clay conditions, additional fasteners will be necessary. Hilti, Remington, or Ramset fasteners with washers with .22 or .27 caliber loads should be used.

### 6. Installation Instructions for Foundation Walls

1. Applying the board at the correct time is essential to ensure good adhesion to the TUFF-N-DRI® or WATCHDOG WATERPROOFING® Membrane. The board must be set as the Tremco membrane begins to cure. The proper timing for this will vary based conditions at time of installation.
2. To install the board, place the bottom of the board on the footing at the footing/wall joint and press firmly. Slowly work your way up to the top of the board carefully pressing the board onto the membrane. Take special care not to slide the board. The board may appear to be loose, but as the Tremco membrane cures, it will draw the board in resulting in excellent adhesion between the board and the Tremco membrane. If the board falls off, check the integrity of the membrane and re-spray to 60 mils wet if needed. It may be necessary to spray a mist of Tremco membrane on the wall to increase adhesion.
3. Place the board around the foundation in the same direction as the Tremco membrane was applied. All boards should be checked before leaving the job site. After the EnForce Protection Board has been applied, the foundation can be backfilled in 24 hours. It may take longer during some weather conditions for the Tremco membrane to cure, and the foundation should not be backfilled until the membrane is fully cured.
4. When installing 3'x4' EnForce Protection Boards, install the bottom board first then immediately place the top board. This prevents any excess membrane from running down and onto the top edge of the bottom board.

When installing 3'x4' EnForce, the top board can overlap over the bottom board to avoid extra cutting.

5. All Tremco Boards require a sharp utility knife or straight knife blade. The EnForce Protection Boards will dull a knife quickly, so new blades will be required on each foundation and the blades may need to be replaced or sharpened several times during a single installation. Dull blades will tend to snag the Enforce Protection Board, causing an uneven cut that may result in a foundation wall that is not covered with the Enforce Protection Board.
6. Nails or fasteners with washers are REQUIRED with EnForce Protection Board and should be installed no more than 12" apart. A minimum of 4 to 5 fasteners with washers should be installed near the top of each 3'x4' board, depending on its orientation. In harsh soil conditions, additional fasteners with washers should be used with EnForce Protection Board.
7. Another technique to enhance board adhesion is to wet the backside of the boards with a calcium chloride solution before installing the board to the membrane. Wet the board with the solution using a watering can or weed sprayer or similar device. It is not necessary to drench the board; simply dampen it. Install the wet side of the board into the wet Tremco membrane. The solution is prepared by mixing approximately 2-3 pounds of granular calcium chloride per 1 gallon of water. Be aware that dissolving the calcium chloride can heat the water significantly, up to 150° F. Consult your Tremco Technical Representative for more instruction on this procedure.

### 7. Backfilling

- 7.1 A minimum of 24 hours is required after application of the Tremco Waterproofing Membrane and EnForce Protection Board before backfill can take place. Follow local code requirements for gravel and soil backfilling. EnForce will protect properly cured membrane from backfill damage.

### 8. Handling Requirements

1. Limit unpackaged material UV exposure to a maximum of 14 days during installation.
2. Do not expose materials to chemicals that are strong acids, strong bases, or high in solvent content.
3. Protect materials from site construction damage, flames, and other environmental conditions that may damage the materials.
4. Do not install EnForce in ambient conditions that are not suitable for Tremco Waterproofing membrane application.
5. Store materials in protected environment until time of installation.

### 9. Warranty

- 9.1 Contact your Tremco Technical Services Representative for warranty information, when used with Tremco Waterproofing Membranes.



# EnForce™ Protection Board

Non-woven synthetic thermoplastic board

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### 0220/FPBAI-AI

Please refer to our website at [www.tremcosealants.com](http://www.tremcosealants.com) for the most up-to-date Application Instructions.

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