

REC PROTECTION BOARD

NON-WOVEN THERMOPLASTIC PROTECTION BOARD

DESCRIPTION

REC PROTECTION BOARD is a non-woven synthetic thermoplastic board designed to protect waterproofing membrane from back fill damage and aid the drainage of water away from the foundation wall.

The non-woven thermoplastic fibers embed into wet waterproofing membrane to create a monolithic system. Designed to work with Waterproofing Membranes, **REC PROTECTION BOARD** protects against water and back fill damage, ensuring your waterproofing stays in place and moisture is directed to the foundation drainage system.

PRIMARY APPLICATION

REC PROTECTION BOARD is used as a drainage and protection layer with waterproofing membranes.

FEATURES/BENEFITS

- Backfill protection for waterproofing membranes
- Easy Installation around corners
- Up to 80% recycled content

TECHNICAL INFORMATION

PROPERTY		DESCRIPTION		
Board Thickness		3/4"	1 3/16"	2 1/2"
	Test Method			
Thermal Resistance	ASTM C177	R-3	R-5	R-10
Drainage ability (Hydraulic Gradient of 1.0)	ASTM	44	50	62
Gallons/Hour/Lineal Feet	D4716			
Board Dimensions		3 ft x 4 ft	3 ft x 4 ft	3 ft x 4 ft

DIRECTIONS FOR USE

The Apply **REC PROTECTION BOARD** to waterproofing Membrane before it has cured. No mastics or adhesives are necessary to hold the board in place. The board may also be applied after the membrane has cured with a water based construction adhesive.

Begin by placing the **REC PROTECTION BOARD** at the footer or lowest installation point and progress up the wall. Successive boards should be placed by standing them on top of the previously installed board. **REC PROTECTION BOARD** can be cut to size with a utility knife.

Nails or fasteners with washers are required with **REC 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 **REC PROTECTION BOARD**.

Another technique to enhance board adhesion is to wet the back-side 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 TBS 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 RECKON Chemicals Technical Representative for more instruction on this procedure.

LIMITATIONS

REC PROTECTION BOARD must be used with an effective and adequately functioning interior, exterior, or an interior/exterior combination foundation drainage system.

For vertical installations only

Not to be used as an exposed or wearing surface. Limit UV exposure to a maximum of 14 days.

Store flat and off ground

Provide cover from sunlight, weather, and excessive temperatures during storage.

A minimum of 24 hours is required after application of the Waterproofing Membrane and **REC PROTECTION BOARD** before backfill can take place.

Do not expose materials to chemicals that are strong acids, strong bases, or high in solvent content.

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