Warm-N-Dri® Board

Rigid Fiberglass Insulation Drainage Board

DATA SHEET

Product Description

Warm-N-Dri® rigid fiberglass board is a drainage, protection and insulation board designed for use primarily with Tuff-N-Dri® Spray-Applied Waterproofing Membranes. Warm-N-Dri's unique and proven glass fiber design promotes efficient water drainage and the retention of the board's R value. The semi-rigid nature of the board acts as a protection course for the Tuff-N-Dri waterproofing membrane.

Warm-N-Dri is an excellent way to address below-grade energy efficiency needs. It fulfills requirements specified in ASHRAE 90.1 which call for belowgrade walls to have "a rated R-value insulation not less than" what is specified for the climate zone

Basic Uses

Warm-N-Dri is installed in vertical applications, where Tuff-N-Dri has been applied to typical applications such as foundation walls. Warm-N-Dri protects the waterproofing membrane, channels water to the drainage system and insulates foundation walls.

The exterior insulation of foundation walls can reduce interior condensation by increasing the outside temperature of the wall, helping move the dew point nearer to the outside of the wall. Warm-N-Dri may help reduce the risk of freeze/thaw related damage on typical foundation walls.

Warm-N-Dri allows for same day and efficient installation of the drainage, protection and insulation course when used with Tuff-N-Dri Spray-Applied Waterproofing Membranes.

Features & Benefits

- Warm-N-Dri allows for installation into Tuff-N-Dri membranes while still tacky.
- Reduces air passage through the exterior walls providing a more comfortable and energy-efficient home.

Color

Pink

Limitations

- Not for use beneath sand-set vehicular pavers
- For vertical installations only
- Not to be used as an exposed or wearing surface. Limit UV exposure to a maximum of 14 days.
- Store rigid fiberglass board flat and off ground
- Provide cover from sunlight, weather and excessive temperatures during storage.

Installation

Apply Warm-N-Dri to Tuff-N-Dri 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 Warm-N-Dri 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. Warm-N-Dri can be cut to size with a utility knife.

Warm-N-Dri should connect to a perimeter drainage system to facilitate the drainage of water carried by the board to the footer – reducing hydrostatic head resistance on the wall. This can be accomplished by ensuring that the gravel that is a part of the exterior drain tile system is placed at least one ft up the face of the Warm-N-Dri board from the footer. For depths greater than 12' (3.66 M) below grade, a minimum Warm-N-Dri board thickness of 1-3/16" (3 cm) is required.

For depths greater than 40' (12.2 M) below grade, contact your local Tremco Sales Representative or Tremco Technical Service.

Warranty

Tremco warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco Products. Tremco's sole obligation shall be, at its option, to replace or to refund the purchase price of the quantity of Tremco Product proven to be defective, and Tremco shall not be liable for any loss or damage.

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

TYPICAL MEMBRANE PROPERTIES

PROPERTY	DESCRIPTION			
Flow Capacity per Unit Width	Roll, spray or brush			
Type	Min: 0°F; Max: 130°F (wall temp)			
Density (pcf)	4.25			
Board Thickness	**3/4”**	**1 3/16”**	**2 3/8”**	**3 9/16”**
Test Method				
Thermal Resistance ASTM C177	R-3.1	R-5	R-10	R-15
Drainage ability (Hydraulic Gradient of 1.0) Gallons/Hour/Lineal Feet ASTM D4716	147	238	319	413
Thermal Conductivity @ 75° F ASTM C518	0.229	0.229	0.230	0.231
Compressive Strength at 10% deformation (psf) ASTM C165	134	142	189	140

*Fiberglass boards comply with ASTM C612

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