

Specifications



Membrane Properties

Resistance to Hydrostatic Head	Results: 8' of water	Method: ASTM D-5385
Type	Polymer-enhanced asphalt liquid-applied membrane	
Color	Black	
Solids	64% ± 3% [percent by weight]	
Density	8.2 ± .15 lbs/gal	
Application	Airless spray	
Application Temperature	Minimum 20°F	
Application Thickness	60 mils (wet) ¹	
Typical Cure Time	16-24 hrs [under normal conditions]	
Crack Bridging Ability	Results: Passes	Method: ICC-ES AC29, Sec 3.1
Water Vapor Permeance	Results: <1 perm for 40-mil dry coating (grains/sf/hr)	Method: ASTM E-96 Wet Method
Elongation	Results: >2000%	Method: ASTM D-412
Adhesion to Concrete	Results: Exceeds	Method: ASTM C-836
Resistance to Degradation in Soil	Results: Good	Method: ASTM E-154
Mold Growth and Bacterial Attack	Results: No degradation	Method: ASTM D-3273, ASTM D-3274

¹ Measured in-place with ASTM D-4414 notch film gauge. Wet 60 mils on notch film gauge. Membrane cures [dries] to 40 mils.

PERFORMANCE UNDER PRESSURE

For more details on **TUFF-N-DRI H8**, contact your local Barrier Solutions Contractor, call 800-DRY-BSMT or visit TUFF-N-DRI.com

Board Properties

Type	WARM-N-DRI Foundation Board					TUFF-N-DRI Barrier Board			
	4' x 4'		4' x 8'			4' x 4'		4' x 8'	
Board Thickness	3/4"	1 1/16"	2 1/8"	2 3/8"	3 1/2"	3/4"	1 1/16"	2 1/8"	2 3/8"
Drainage Ability [Gals/Hr/Lineal Foot] ²	>70	>110	>170	>210	>290	>50	>80	>130	>160
Thermal Resistance	R-3	R-5	R-8	R-10	R-15	R-3 ³	R-5 ³	R-8 ³	R-10 ³

² Hydraulic gradient of 1.0. Drainage rates with 10% board compression. At 65% compression, foundation board has the drainage capabilities of coarse sand.

³ As manufactured resistance values (R-value)



Your Local Barrier Solutions Contractor

