

Your local Barrier Solutions Contractor.



Membrane Properties

Hydrostatic Head Resistance	Results: 12 ft.	Method: ASTM D-5385
Type	Polymer enhanced asphalt liquid applied membrane	
Color	Black	
Solids	64% ± 3% (percent by weight)	
Density	8.1 ± .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)	
Adhesion to Concrete (Peel, N/ m)	Results: Exceeds	Method: ASTM C 836
Elongation	Results: >1800%	Method: ASTM D 412
Crack Bridging Ability	Results: Passes	Method: ASTM D 836
Water Vapor Permeance	Results: <1 perm for 40 mil dry coating (grains/sf/hr)	Method: ASTM E 96 Wet Method
Tensile Strength	Results: 70 PSI	Methods: ASTM D 412
Resistance to Degradation in Soil	Results: Good	Method: ASTM E 134
Mold Growth & Bacterial Attack	Results: No degradation	Method: ASTM D 3273 ASTM D 3274

¹ Measured in place with an ASTM D 414 notch gauge. Wet measuring 60 mils cures to 40 dry mils.

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 3/16"	2 1/8"	2 3/8"	3 1/2"	3/4"	1 3/16"	2 1/8"	2 3/8"
Drainage Ability [Gals/ Hr/ Lineal Foot] ²	>70	>110	>170	>210	>290	>50	>80	>130	>160
Thermal Resistance	R3	R5	R8	R10	R15	R3 ³	R5 ³	R8 ³	R10 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)

For more details on TUFF-N-DRI XTS, contact your local Barrier Solutions Contractor, call 800-DRY-BSMT or visit our Web site at TUFF-N-DRI.com.

