



**30-Year
Warranty
with
WARM-N-DRI®
Foundation Board
or
TUFF-N-DRI
Barrier Board!**

TUFF-N-DRI® XTS



TUFF-N-DRI XTS SYSTEM APPLICATION

**TUFF-N-DRI XTS--the best waterproofing brand
in the business is even better!**

**12 Feet of
Hydrostatic
Head
Resistance!**

Delivering even better protection against moisture.

TUFF-N-DRI XTS is the highest performing extension of the most recognized waterproofing brand in the residential new construction market, *with 12 feet of hydrostatic head pressure resistance!*

Greatest resistance to hydrostatic head pressure.

TUFF-N-DRI XTS is performance-engineered and field-tested to provide the greatest resistance to hydrostatic head pressure of any polymer-modified asphalt emulsion waterproofing membrane in the category. Now, TUFF-N-DRI XTS is designed to withstand 12 feet of hydrostatic head pressure, while maintaining its ease of use, consistency of manufacture and long-term durability characteristics.

Backed by a tough 30-year warranty.

With a 30-year transferable performance warranty, TUFF-N-DRI XTS delivers guaranteed dry basements, increasing the comfort and utility of your lower-level living space.

Insulate, drain and protect your foundation.

Complete your foundation protection by adding one of our exceptionally-performing fiberglass foundation boards. Choose either the WARM-N-DRI Foundation Board or TUFF-N-DRI Barrier Board to insulate, drain and protect the foundation wall.

Availability and cost.

TUFF-N-DRI XTS is competitively priced and available through your local Barrier Solutions Contractor. For details, contact your local Barrier Solutions Contractor, call 800-DRY-BSMT or visit TUFF-N-DRI.com.

**TUFF-N-DRI XTS
Up to
12 times more
hydrostatic head
resistance than
the competition!**

**PERFORMANCE
UNDER PRESSURE**

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-154
Mold Growth & Bacterial Attack	Results: No degradation	Method: ASTM D-3273 ASTM D-3274

¹ Measured in-place with an ASTM D-4414 notch film gauge. Wet film 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 Size	4' x 4'		4' x 8'			4' x 4'		4' x 8'	
Board Thickness	¾"	1⅜"	2⅛"	2⅜"	3½"	¾"	1⅜"	2⅛"	2⅜"
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)

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.

