



TUFF-N-DRI® H8 Membrane

Polymer-enhanced asphalt

DATA SHEET

Product Description

TUFF-N-DRI H8 membrane elongates to span concrete shrinkage cracks. As concrete settles, cracks naturally form in the foundation wall. TUFF-N-DRI is specially formulated to span these cracks, sealing against water leaks and keeping water out of basements.

Basic Uses

Water pressure can build up on the outside of basement walls during a rain storm. TUFF-N-DRI H8 withstands 8 ft. of water pressure (hydrostatic head pressure while competitive product usually provides around 1 ft. of resistance. This means that even over cracks TUFF-N-DRI is protecting basement walls and keeping water out while competitive membrane fails at as little as 12 in. of water pressure.

Features & Benefits

The superior hang strength of TUFF-N-DRI H8 enables it to maintain a consistent thickness for maximum performance when it cures to 40 mils. Other competitive products tend to slide down the wall and pool at the foots, leaving the wall vulnerable to teaks and seepage.

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	
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]	
PROPERTY	TEST METHOD	TYPICAL RESULTS
RESISTANCE TO HYDROSTATIC HEAD	ASTM D-5385	8' of water
CRACK BRIDGING ABILITY	ICC-ES AC29, Sec 3.1	Passes
WATER VAPOR PERMEANCE	ASTM E-96 Wet Method	<1 perm for 40-mil dry coating (grains/sf/hr)
ELONGATION	ASTM D-412	>2000%
ADHESION TO CONCRETE	ASTM C-836	Exceeds
RESISTANCE TO DEGRADATION IN SOIL	ASTM E-154	Good
MOLD GROWTH AND BACTERIAL ATTACK	ASTM D-3273, ASTM D-3274	No degradation

¹ Measured in-place with ASTM D-4414 notch fil gauge. Wet 60 mils on notch film gauge.

Membrane cures [dries] to 40 mils.

TUFF-N-DRI® H8 Membrane

Liquid-applied membrane

TYPICAL BOARD PROPERTIES

TYPE	WARM-N-DRI FOUNDATION BOARD					TUFF-N-DRI FOUNDATION 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"	1 31/6"	2 1/8"	2 3/8"	3 ½"	¾"	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	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)

0420/TNDH8DS

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