



TECHNICAL DATA SHEET

TUFF-N-DRI® CLASSIC Basement Waterproofing Membrane

PRODUCT DESCRIPTION

TUFF-N-DRI Classic is a flexible waterproofing membrane, spray -applied to seamlessly span foundation wall shrinkage cracks and seal out water penetration.

BASIC USES

Typical applications for TUFF-N-DRI Classic include foundation and basement walls and most backfilled, unsubmerged residential applications. TUFF-N-DRI Classic is compatible with cast in place, poured concrete, and shotcrete. TUFF-N-DRI Classic is also approved for use over insulated concrete forms (ICF).

FEATURES & BENEFITS

- Can be applied to damp or green concrete allowing application more quickly after the removal of forms or following wet weather.
- Exceptional ability to hang on the wall and build targeted thickness, spanning below grade foundation wall cracks of up to 1/8 in with a cured thickness of 60 mils.
- Extreme durability with exceptional elongation and crack-bridging characteristics.
- Compatible with Tremco sealants, coatings and expansion joints, which is essential for tie-ins, detailing and penetrations.
- Compatible with Nudura® Insulated Concrete Forms.

LIMITATIONS

- Do not apply to contaminated surfaces
- Not to be used as an exposed or weathering surface. Limit UV exposure of a maximum of 30 days.
- Do not let the product freeze prior to being applied to the substrate. It is best to store TUFF-N-DRI Quick Cure 90 off the floor at an ambient temperature above 50 °F (10 °C). Opened drums should be tightly sealed before storage
- When applying material below 40° F (4° C), contact your local Tremco Sales Representative or Technical Service.
- Not for use in submerged conditions
- Not for use in horizontal waterproofing applications

TYPICAL PHYSICAL PROPERTIES

PROPERTY	DESCRIPTION
Type	Polymer-modified asphalt liquid-applied membrane
Color	Black
Solids	64% ± 3% [percent by weight]
Density	8.25 ± .15 lbs/gal
Application	Airless spray
Application Temperature	Minimum 0°F (18 °C)
Application Thickness	60 mils (wet) ¹
Cure Time	16 to 24 hr

PROPERTY	TEST METHOD	TYPICAL RESULTS
Crack Bridging Ability	ASTM C836	Passes
Water Vapor Permeance	ASTM E-96 Wet Method	<1 perm for 40-mil dry coating (grains/sf/hr)
Liquid Water Absorption	ASTM E1228 ²	
Elongation	ASTM D412	>2000%
Adhesion To Concrete	ASTM C836	Exceeds
Resistance To Degradation In Soil	ASTM E154	Good
Mold Growth And Bacterial Attack	ASTM D3273, ASTM D3274	No Degradation

¹ Measured in-place with ASTM D-4414 notch fil gauge. Wet 60 mils on notch film gauge. 60 mils wet membrane cures [dries] to 40 mils, 90 mils wet membrane cures(dries) to 60 mils.

² 72 hr water soak 1" x 2" x0.4" samples of waterproofing compound

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.

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Tremco Construction Products Group (CPG) brings together the Commercial Sealants & Waterproofing and Roofing & Building Maintenance divisions of Tremco CPG Inc.; Dryvit and Willseal brands; Nudura Inc.; Prebuck LLC; Tremco Barrier Solutions, Inc.; Weatherproofing Technologies, Inc.; Weatherproofing Technologies Canada, Inc.; and Pure Air Control Services, Inc.



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