

DATA SHEET

Product Description

TUFF-N-DRI Quick Cure 90 membrane seals water leaks and elongates to span concrete shrinkage cracks that naturally occur from settling in the foundation wall. TUFF-N-DRI Quick Cure 90 cures at a rate that is up to 90% faster than our traditional TUFF-N-DRI waterproofing membrane.

Basic Uses

Typical applications for TUFF-N-DRI Quick Cure 90 include foundation and basement walls and most backfilled, unsubmerged residential applications. TUFF-N-DRI Quick Cure 90 is compatible with cast in place, poured concrete, and shotcrete. TUFF-N-DRI Quick Cure 90 is also approved for use over insulated concrete forms (ICF).

Features & Benefits

- The unique formulation of the membrane allows it to cure at a rate up to 90% faster than our TUFF-N-DRI H8 formula, allowing for fast-tracked construction schedules and reducing the potential for washout in the face of inclement weather.
- 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.

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

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.

TUFF-N-DRI® QC 90 Membrane

Quick cure waterproofing membrane

TYPICAL MEMBRANE PROPERTIES

PROPERTY	DESCRIPTION	
TYPE	Polymer-modified asphalt liquid-applied membrane	
COLOR	Black	
SOLIDS	68% ± 3% [percent by weight]	
DENSITY	8.25 ± .15 lbs/gal	
APPLICATION	Airless spray	
APPLICATION TEMPERATURE	Minimum 20°F	
APPLICATION THICKNESS	60 mils to 90 mils (wet) ¹	
PROPERTY	TEST METHOD	TYPICAL RESULTS
RESISTANCE TO HYDROSTATIC HEAD	ASTM D5385	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 D412	800%
ADHESION TO CONCRETE	ASTM C836	Exceeds
RESISTANCE TO DEGREDEDATION 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.

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