

DATA SHEET

Three-Part Barrier System

1. Waterproofing membrane creates a seamless barrier to moisture from footing to sill plate.
2. Rigid fiberglass insulation board boosts the home's energy efficiency and reduces interior foundation all condensation.
3. Durable, textured topcoat repels moisture and gives exposed foundation an attractive, finished look.

Waterproofing

The Horizon Insulated System starts with TUFF-N-DRI® Basement Waterproofing System on the exterior foundation wall, providing an uninterrupted moisture barrier that protects from the footing to the sill plate. This full wall waterproofing, and insulation system reduces the number of leak call-backs, since a majority of foundation wall leaks on waterproofed walls occur at the grade line where below grade waterproofing usually stops.

Panelization

Horizon ThermoPanel™ is a sturdy, design-engineered insulation panel that is placed on top of the waterproofing membrane and mechanically fastened to the exposed wall. This mesh-reinforced fiberglass panel delivers stability, rigidity and superb detailing performance. The Horizon ThermoPanel is available in R5 and R10 insulation values and helps prevent condensation on the interior above-grade foundation wall. Since it insulates the wall from the outside, the need for interior foundation insulation is eliminated.

Coating

The system is completed with Horizon Coat, a tough, spray-applied exterior finish. Horizon Coat not only adds an attractive, durable, UV-resistant finish to the exposed foundation wall, but also provides an extra layer of waterproofing protection to the home. Horizon Coat comes in a neutral gray color and is available in either a matte or a coarse finish.

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 PHYSICAL PROPERTIES – MEMBRANE PROPERTIES

PROPERTY	DESCRIPTION	
TYPE	Elastomeric, emulsion-based coating	
COLOR	Grey	
APPLICATION TEMPERATURE	32°F (0°) to 100°F (38°C)	
TYPICAL CURE TIME	24 hours (under normal conditions)	
FILM THICKNESS	40 mils dry @ 25ft ² /gal	
ELONGATION	150%	METHOD: ASTM D2370
MANDREL BEND	½" @ -15°F (-26°C)	METHOD: ASTM C711
WATER VAPOR PERMEANCE	6 perms	METHOD: ASTM E96
	MATTE FINISH	COARSE FINISH
SOLIDS	63 ± 2 [percent by weight]	72 ± 2 [percent by weight]
DENSITY	8.2 ± .4 lb/gal	10.0 ± .5 lb/gal
APPLICATION	Airless Spray/Brush	Air atomized texture spray/brush

TYPICAL PHYSICAL PROPERTIES – BOARD PROPERTIES

PROPERTY	DESCRIPTION	
TYPE	Rigid fiberglass with integral glass surfacing mesh	
COLOR	1 3/16"	2 3/8"
THERMAL RESISTANCE	R5	R10
FOUNDATION BOARD		
COMPRESSION PROPERTIES	800	800
<small>Compression pressure lbs./sf. (10% compression)</small>		
DRAINAGE (gal/hr/lineal ft)	>90	>180

0320/HISDS

Please refer to our website at www.tremcosealants.com for the most up-to-date Data Sheet.

Tremco Construction Products Group

3735 Green Rd
Beachwood OH 44122
800.876.5624

1451 Jacobson Ave
Ashland OH 44805
419.289.2050 / 800.321.6357

220 Wicksteed Ave
Toronto ON M4H1G7
416.421.3300 / 800.363.3213

1445 Rue de Coulomb
Boucherville QC J4B 7L8
514.521.9555