

Enviro-Dri

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PRODUCT DESCRIPTION

Enviro-Dri® delivers a more effective, permanent and complete weather-resistant barrier than traditional house wrap products.

BASIC USES

Protects walls from liquid moisture in the form of rain, sleet and snow, but also reduces condensation in interior wall cavities, which could lead to reduced insulation effectiveness, mold and mildew.

FEATURES & BENEFITS

Permeable membrane allows for the passage of moisture vapor to enable drying to the outside or inside the foundation for a better building envelope.

Reduces air passage through the exterior walls providing a more comfortable and energy-efficient home.

Completely and permanently adhered membrane applied directly to the substrate, eliminating blow-offs in high winds. Liquid moisture cannot seep or flow between Enviro-Dri and substrate, unlike traditional mechanically fastened house wraps. No need to worry about tears and rips caused by sub-trades. Requires no mechanical fasteners that penetrate substrate; once it's installed, Enviro-Dri WRB stays in place as long as the substrate stays in place.

TYPICAL PHYSICAL PROPERTIES

PROPERTY	DESCRIPTION
APPLICATION	Roll, spray or brush
APPLICATION TEMPERATURE	Min: 0°F; Max: 130°F (wall temp)
APPLICATION THICKNESS	12-15 wet mils (75 sq. ft. / gal)
TYPICAL CURE TIME	<30 min., dry to touch; <8 hours, dry (under normal conditions)

PROPERTY	TEST METHOD	TYPICAL RESULTS
WATER PENETRATION RESISTANCE	ASTM E331	Passed
WATER DAMAGE RESISTANCE	ASTM D2247	Passed
PERMEABILITY (WATER VAPOR TRANSMISSION)	ASTM E96	Field membrane = 12 perms
WEATHERING	AC212 Section 10.1 and 10.2; AATCC 127	Passed
STRUCTURAL RACKING AND RESTRAINED ENVIRONMENTAL CONDITIONING	ASTM E72; ASTM E1233; ASTM E72; ASTM E331	Passed
FREEZE-THAW PERFORMANCE	AC 212: Section 4.2	Passed
ADHESION TO SHEATING & FLASHING	ASTM C297	Passed
AIR LEAKAGE UNDER WIND LOAD (AIR PRESSURE)	ASTM E-283	Reduced air infiltration by 90%



Enviro-Dri® Brick Ledge

Cold-applied, self-adhering membrane

DATA SHEET

Product Description

Enviro-Dri Brick Ledge is a cold-applied, self-adhering membrane composed of triple woven polypropylene on one side and a layer of butyl-modified asphalt on the other. This product fully integrates with the Enviro-Dri Weather-Resistant Barrier System to provide you with the next level of protection against air and moisture intrusion. This product can also be used with our standard below-grade waterproofing products and systems to protect the brick ledge from moisture intrusion.

Basic Uses

Seals brick ledge from moisture intrusion. Can be used with Enviro-Dri Weather-Resistant Barrier Systems and Tremco's waterproofing products.

Features & Benefits

- Fully adhered system
- Seals around brick ledge
- Forms a positive air/vapor barrier
- 6-month UV exposure rating
- Excellent overlap adhesion

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	
COLOR	Black	
THICKNESS	40 mils	
PACKAGING	Roll Width: 12" (3 rolls / carton) 18" (2 rolls / carton)	Roll Length: 66'
APPLICATION	Apply at temperatures 20°F or higher	
STORAGE	Store in an unopened container at between 50-90°F	
PROPERTY	TEST METHOD	TYPICAL RESULTS
TENSILE STRENGTH	ASTM D412	>1600 psi
ELONGATION (ADHESIVE ONLY)	ASTM D412	500%
PERMEANCE	ASTM E96	<0.5
LOW TEMPERATURE FLEX	ASTM D1970	No cracks or delamination
NAIL SEALABILITY	ASTM D1970	Pass

0420/EDBLDS

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Enviro-Dri® Pan & Arch

Cold-applied self-adhering membrane

DATA SHEET

Product Description

Enviro-Dri Pan & Arch is a multi-directionally flexible, cold-applied self-adhering membrane composed of butyl rubber with a creped, cross-laminated polyolefine liner. This product conforms easily and effectively to curved substrates. Because of its unique design, Enviro-Dri Pan & Arch provides an air- and moisture-tight seal and eliminates the need for corner flashing patches. Enviro-Dri Pan & Arch fully integrates with the Enviro-Dri Weather-Resistant Barrier System to provide you with the next level of protection against air and moisture intrusion.

Features & Benefits

- 75' long roll, with 6" and 8" widths available
- Butyl-based material offering exceptional adhesion to most building materials
- Specifically engineered and designed to provide an air and moisture seal around arched and curved door and window openings
- Flexible design eliminates need for separate corner flashing patches on sides of window openings
- Integrates seamlessly with the Enviro-Dri Field Membrane
- Resists UV degradation for up to 1 year of direct sun exposure
- Provides strong and immediate adhesion over a wide range of installation temperatures, and remains pliable at low temperatures

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TYPICAL MEMBRANE PROPERTIES

PROPERTY	DESCRIPTION	
COLOR	White	
APPLICATION TEMPERATURE RANGE	20°F - 180°F	
PACKAGING	Roll Width: 6" (1 roll/carton) 8" (1 roll/carton)	Roll Length: 75'
STORAGE	8.2 + .15 lbs/gal	Store in an unopened container at between 60°-80°F
PROPERTY	TEST METHOD	TYPICAL RESULTS
THICKNESS	ASTM D1000	50 mils
TENSILE STRENGTH (CROSS)	ASTM D412-9	>400 psi
TENSILE STRENGTH (MACHINE)	ASTM D412-9	>295 psi

0420/EDPADS

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Enviro-Dri® Pipe & Vent

Cold-applied, self-adhering membrane

DATA SHEET

Product Description

Enviro-Dri Pipe & Vent is a cold-applied self-adhering membrane composed of a multi-directional stretchy film on one side and a layer of recycled butyl hybrid adhesive on the other side. This product fully integrates with the Enviro-Dri Weather-Resistant Barrier System to provide you with the next level of protection against air and moisture intrusion.

Basic Uses

Enviro-Dri Pipe & Vent is used to seal around cable, electrical, gas line, hose bibs, dryer vents, air exchange vents and pipe penetrations in the exterior sheathing.

Features & Benefits

- Fully adhered system
- Seals around properly installed fasteners
- Forms a positive air/vapor barrier
- Conformable to irregular shapes
- Will adhere to most building products
- Compatible with most building products
- 30 day UV exposure rating

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TYPICAL MEMBRANE PROPERTIES

PROPERTY	DESCRIPTION	
COLOR	Black	
THICKNESS	50 mils	
PACAKGING	Roll Width: 4" (12 rolls/carton) 6" (8 rolls/carton)	Roll Length: 15'
STORAGE	Store in unopened container at between 40-90°F	
PROPERTY	TEST METHOD	TYPICAL RESULTS
TENSILE STRENGTH	ASTM D412	120 psi
ELONGATION (ADHESIVE ONLY)	ASTM D412	>500%
PERMEANCE	ASTM E96	0.1 perm max

0420/EDPVDS

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Enviro-Dri® Window & Door

Cold-applied, self-adhering membrane

DATA SHEET

Product Description

Enviro-Dri Window & Door is a cold-applied self-adhering membrane composed of butyl rubber with a Kraft paper liner for easy installation. This product fully integrates with the Enviro-Dri Weather-Resistant Barrier System to provide you with the next level of protection against air and moisture intrusion around window, door and some utility penetrations.

Basic Uses

Enviro-Dri Window & Door is used to seal around window and door assemblies, as well as some utility penetrations.

Features & Benefits

- 4" or 6" wide x 75' long roll
- Butyl-based material offering exceptional adhesion to most building materials
- Specifically engineered and designed to provide an air and moisture seal around doors and windows. Integrated seamlessly with the Enviro-Dri Field Membrane
- Resists UV degradation for up to 1 year of direct sun exposure
- Provides strong and immediate adhesion over a wide range of installation temperatures, and remains pliable at low temperatures
- Imprinted with the Enviro-Dri brand to extend the brand recognition for your protected homes

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TYPICAL MEMBRANE PROPERTIES

PROPERTY	DESCRIPTION	
COLOR	Black	
THICKNESS	20 mils (16 mils adhesive; 4 mils backing)	
APPLICATION TEMPERATURE RANGE	30°F - 150°F	
PACKAGING	Roll Width: 4" (12 rolls / carton) 6" (8 rolls / carton)	Roll Length: 75'
STORAGE	Store in unopened container at between 40° - 90°F	
PROPERTY	TEST METHOD	TYPICAL RESULTS
TENSILE STRENGTH	ASTM D 1000	60 lb/in

0420/EDWDDS

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