



Liquid EPDM One

Code: 270220 Exterior

Description

Weather Barrier Liquid EPDM One is a thermoplastic rubber, premium quality, single component waterproofing membrane for metal roofs, concrete decks and roofs that pond water. It is solvent-based and may be applied in a wide temperature range. *Weather Barrier Liquid EPDM One* as a vapor barrier is suitable for cold-storage applications. It is designed for permanent flexibility and toughness, to bridge and move with hairline cracks.

OUTSTANDING FEATURES:

- Sets quickly and begins to cure immediately after application
- Highly penetrative and workable; totally waterproof and vapor-proof
- Not affected by sudden rain shortly after application
- Prevents damage from water, even under ponded water conditions
- Has a 20-year life expectancy and a 10-year product warranty
- Stores easily, simple to use; saves time and labor

Technical Data

Coating Type:	Ethylene Elastomer
VOC:	2.9 lbs/gal; 350 gms/liter
Shelf Life:	12 months
Recommended Thickness:	24 mils dry film thickness (2 coats)
Recommended Coverage Per Coat:	75 square feet / gallon
Packaging:	1 gallon, 5 gallon pails
Colors:	White, Black on special request
Moisture Vapor Transmission ASTM E-96	0.01 perms
Tensile Strength ASTM D-412	864 psi
Elongation ASTM D-412	550%
Solids: by Volume ASTM D-2697	55 ± 1%
Flashpoint FTMS 141A(M4293)	105°F (Closed Cup)
Shore 'A' Hardness ASTM D-2240	75 degrees
Weatherometer (5000 hours) ASTM G-23	Pass
Low Temperature Flexibility ASTM C-711	180 degree bend (10°F)
Density	9.2 ± 0.2 lb/gallon
Viscosity	approx. 15,000 cps

Primers

Asphalt, Tar or other bituminous materials:	Weather Barrier 1850 Primer/Sealer
EPDM:	Weather Barrier 1530 Base Coat or Weather Barrier Moisture Cure Urethane
Porous Substrates:	Weather Barrier 1850 Primer/Sealer
Metal Substrates:	Weather Barrier 5003 Rust Inhibiting Primer
Polyurethane Foam:	none required

Weather Barrier, Inc.

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Application

Apply by brush, roll or airless spray. If rolling, apply the paint generously, making sure to work the paint into all cracks and voids. In order to insure a waterproof coating, be sure to apply, evenly, at the recommended dry film thickness in either one or two coats.

Airless Spray: Apply using a piston pump with a flow rate of 1 1/4 GPM or higher, and able to deliver 3000 psi.
Tip Size: Recommended tip is #735
Airless hose: 1/2" I.D.; 75 feet maximum length
High Pressure Filters: 30 Mesh

Preparation

All substrates to be coated must be pressure washed clean, dry and sound. Loose, flaking or powdery rust, dirt, gravel and other surface contaminants not removed with power washing, must be completely removed before priming.

Refer to the Weather Barrier Specification Guidelines for detailed instructions on how to prepare specific substrate types. Refer to section 1.09 of the Specification Guidelines for treatment of Seams, Fasteners and Flashing repair.

Clean Up

Clean up all tools and equipment, promptly, with Xylol. Flush spray equipment with Xylol several times to prevent rusting. Do not allow solvent to contact the dry film.

Drying Time

At 77°F and 50% relative humidity at a spreading rate of 100 square feet/ gallon.

To Touch: 2 hours
Tack Free: 8 hours
Recoat: 24 hours
Full Cure: 48 hours

This will vary depending on weather and application conditions. Lower temperatures and thicker films will dramatically increase drying times.

Special Information

Do not apply to wet, frozen or moisture saturated surfaces. Surface preparation and proper priming are critical to product performance. Do not apply if the temperature is predicted to drop below 35°F within 4 hours after application. Do not apply if the application can't be protected from precipitation for at least 4 hours.

Do not apply directly to EPDM rubber.

Right to Know & Safety

The label complies with all applicable Right to Know laws. For information on safety hazards associated with this product please refer to MSDS sheets.

Warranty

This product will perform as claimed if directions are followed. Since we cannot control conditions or methods of use, the warranty is limited to replacement or refund value of this product actually used. This warranty does not include labor or labor costs.

