



## 1530 Roof/Deck Base Membrane

Code: 900000 Exterior

### Description

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*Weather Barrier 1530 Roof/Deck Base Membrane* is a synthetic rubber, waterproofing material, developed specifically for high film build protection of roofing and balcony deck surfaces. This co-polymer Acrylic/Aliphatic Urethane compound produces a tough rubber membrane that adheres tenaciously to most properly prepared surfaces.

*Weather Barrier 1530's* elastomeric self flashing film conforms to any shape. The film elongates over 650% with 98% recovery, without cracking. It withstands the most severe weather conditions, remaining waterproof and pliable to -20°F while responding to surface expansion and contraction.

*Weather Barrier 1530* is easily applied with brush, roller or airless spray equipment.

### Technical Data

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Type	Acrylic/Urethane
Theoretical Coverage	896 sq.ft.per gallon per 1 dry mil
Recommended DFT per Coat	12 mils DFT
Recommended Coverage per Coat	75 sq.ft.per gallon
Gloss	Low Lustre
Weight per Gallon	11.1 lbs. ± 0.2 lbs.
Viscosity	130-135 KU
Solids: by Volume	55.9 ± 1%
by Weight	67.2 ± 1%
Elongation, ASTM D2370	650 ± 25%
Tensile Strength, ASTM D2370	125 ± 25 psi
Accelerated Weathering (1000 hrs Tensile / Elongation ASTM D6083, D4798)	Pass, no cracking, no checking
Low Temperature Flex (1/2" mandrel @ -15°F, 1000 hrs WOM, ASTM D6083, D522)	Pass
Water Swelling @ 7 days, ASTM D6083, D471	Pass, 20 max.
Water Permeance, ASTM D1653A	6.5 perms
VOC	0.3 lbs. per gal. (32 g/L)
Flash Point	None
Colors	White, Black and Gray
Packaging	Gallons, 5 Gallons, 55 Gallons

### Features

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**Elastomeric:** *Weather Barrier 1530's* tough elastic film can be bent, twisted or stretched repeatedly without failure. This exclusive Acrylic/Aliphatic Urethane formula provides superior durability and long term reliability while permitting conformity to any shape.

**Versatile:** *Weather Barrier 1530* Base can be applied as a waterproof and protective coating, or can be totally reinforced with Weather Barrier polyester to improve tensile strength and durability. It forms a single ply seamless, self-adhering membrane.

**Waterproof:** A seamless, self-flashing barrier against weather, 1530 prevents water leakage and seals surfaces while it bridges cracks and defects.

**Adhesive:** Adhesion to most properly prepared surfaces is outstanding. Additional layers of 1530, 1650, 1655 or 2000 applied to a previous layer are impossible to separate at the junction of each layer.

**Chemical & Weather Resistant:** *Weather Barrier 1530* is resistant to common industrial chemicals, acid rain and other VOC compounds. It exceeds 2,000 hours of accelerated weathering exposure, using ultra-violet light and water condensation.

**Lightweight:** *Weather Barrier 1530* adds only 10 lbs. per 100 square feet to the roof load. No ballast is required.

**Weather Barrier, Inc.**

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## ***Surface Preparation***

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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.

## ***Primers***

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METAL: Rusted areas must be treated with Weather Barrier 5003 Rust Inhibiting Primer to prevent further metal deterioration.

BUR: Weather Barrier 1850 Primer/Sealer

CONCRETE: Weather Barrier 1850 Primer/Sealer

## ***Application***

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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 at the recommended spread rate.

AIRLESS SPRAY: Apply using a piston pump having a flow rate of 1 1/4 GPM or higher, and able to deliver 3000 psi.

Tip Size: Can vary between .023 - .031". Recommended tip is #627

Airless hose: 1/4" or 3/8" I.D.

High Pressure Filters: 30 Mesh

## ***Clean Up***

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Clean up all tools and equipment, promptly, with warm soapy water. Flush spray equipment with paint thinner or mineral spirits to prevent rusting.

## ***Drying Time***

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At 77°F and 50% relative humidity:

To Touch: 2 - 4 hours

To Recoat: 6 - 12 hours

This will vary depending on weather and application conditions.

## ***Special Information***

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Do not allow to freeze. Do not store sealed container in prolonged sunlight. Do not apply when surface temperature is below 50°F or ambient temperature is above 90°F. Do not apply if ambient temperature will drop below 32°F or dew will settle before finish is dry. Do not apply if rain is predicted within 48 hours. Do not apply to areas that pond water for more than 48 hours.

## ***Right to Know & Safety***

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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***

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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.

