



## Weather Barrier 2020 Flat Elastomeric Coating

Code : 913100  
Exterior / Interior

### Description

(For Professional use Only) eather Barrier 2020 Flat Textured Elastomeric is a high solids acrylic elastomeric designed for exterior masonry and properly primed wood and metal surfaces. It is superior to conventional paints due to its outstanding adhesion, flexibility, and water sealing characteristics. **Weather Barrier 2020** bridges hairline cracks, protecting substrates from wind driven rain, and it expands and contracts with temperature variations. While it prevents the penetration of wind driven rain, it also allows moisture vapor within the substrate to escape without blistering or peeling the paint. It is chalk resistant and has remarkable color retention.

### Technical Data

|                          |  |
|--------------------------|--|
| Type                     | Acrylic  |
| Theoretical Coverage     | <b>906</b> (sq.ft.per gallon @ 1 dry mil)  |
| Recommended DFT per Coat | 08-12 mils DFT   |
| Gloss                    | Flat Sheen   |
| Weight per Gallon        | 11.5 + 1%  |
| Viscosity                | 105 -110 KU  |
| Solids: by Volume        | 56.5 + 2%  |
| by Weight                | 67.7 + 2%  |
| VOC                      | Max. 0.83 lbs. Per Gal.  |
| Flash Point              | None   |
| Color                    | White. The White can be tinted to pastel colors.<br>See Millennium Fan Deck for White Base (W) shades. |
| Packaging                | Gallons, 5-Gallon  |

### Surface Preparation

The surface should be thoroughly cleaned to remove dirt, grease, chalk and air pollution deposits ideally by power washing. Wire brush, acid etch, or blast clean as necessary.

NEW CONCRETE, STUCCO, CONCRETE BLOCK (CMU) should cure for at least 30 days before painting. Remove loose or excess mortar, efflorescence, latence and concrete form release compounds that reduce adhesion. Seal chalky or porous masonry with Weather Barrier Lock Seal Bonding Agent 716999 after cleaning.

PREVIOUSLY PAINTED SURFACES: The surface must be firm, free of loose paint, chalk, oil, grease, air pollution contaminants and mildew. F&H strongly recommends power washing to remove these contaminants. Rinse thoroughly and allow to dry before painting.

SEALING JOINTS, CRACKS AND SEAMS: **Weather Barrier 2020** is designed to fill hairline cracks (less than 1/16th") simply by brushing into the cracks. Larger cracks should be filled with a siliconized acrylic caulk prior to coating.

Settlement cracks where movement is expected (1/8" and larger) should be filled with **Weather Barrier 1750 Patching Compound**, and in severe circumstances embedded with fiber glass mesh tape prior to painting. Consult your Weather Barrier Representative or Salesperson.

### Primers

NEW MASONRY, STUCCO: Weather Barrier is self priming on solid, sound masonry. Two coats is strongly recommended.

OLD or PREVIOUSLY PAINTED MASONRY: Power washing is recommended. Porous or chalky bare areas should be primed with Weather Barrier Lock Seal Bonding Agent 716999 after power washing.

CONCRETE BLOCK should first be coated to fill the voids with Ready Mixed Block Filler 751100.

NEW WOOD should be primed with either Stormplate 30 Primer 725100 or Trim & Shutter Primer 720100.

METAL: Ferrous: Prime with Corrosion Fighter 723300 or Weather Barrier 5003 Corrosion Resistant Primer

Galvanized or Aluminum: Weather Barrier 5003 Corrosion Resistant Primer

**Weather Barrier, Inc**  
**194 Greenfield Road, Lancaster, PA 17602**  
**1-800-533-3002**



## Thinning

Brush or Roller Application: Not Recommended

Airless Spray: This can be thinned with water to improve application properties by 4 oz per gal.

## Film Properties

|                                    |  |
|------------------------------------|--|
| <b>Elongation</b>                  | 250% @ 25° C. @ 10 mils DFT (Instron Test Method) ASTM D2370   |
| <b>Moisture Vapor Permeability</b> | 6.2 Perms ASTM - E96   |
| <b>Tensile Strength</b>            | 325 psi @ 25° C. @10 mils DFT (Instron Test Method) ASTM D2370 |

## Application

Apply by brush, roll or airless spray. Stir with a gentle lifting motion. 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. Cut in the edges with a synthetic brush as you proceed with rolling. Keep a 'wet edge' to avoid ridging and overspreading. Complete one wall at a time and never stop in the middle of a wall.

**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

## Recommended Spread Rate

Approximately 75 -150 square feet per gallon. This may vary depending on the porosity of the surface.

## Clean Up

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

At 77°F an 50% relative humidity

To Touch: 2 - 4 hours

To Recoat: 6 - 8 hours

## Special Information

Do not apply if the surface temperature is below 50 degrees F. or if condensation is present.

**KEEP THE PAINT FROM FREEZING!**

When more than one can of the same color is used, "box" or intermix the cans prior to painting to assure maximum color uniformity.

When touching-up, use the same application tool which was originally used to produce the same finish.

## 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.

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