



2000 Rain Coat

Code: 919100 Exterior

Description

Weather Barrier 2000 Rain Coat is the first acrylic roof coating to pass the NSF Protocol for Health Effects from Rainwater Catchment System Components (1995). It is safe for potable water catchment service and is designed for use as a protective and waterproof seamless membrane for pitched roof surfaces, ultraviolet protection of existing roofing materials, or as a finish coat over Weather Barrier 1530 Base Coat. *Weather Barrier 2000 Rain Coat* has been developed and proven to be a superior protective waterproof roofing membrane for industrial, commercial, residential and agricultural structures.

Technical Data

| | |
|-------------------------------|---|
| Type | Acrylic |
| Theoretical Coverage | 810 sq ft per gallon per 1 dry mil |
| Recommended DFT per Coat | 8.3 mils DFT (2 coats recommended) (Can easily be applied up to 15 mils DFT) |
| Recommended Coverage per Coat | 100 sq. ft. per gallon (2 coats recommended) |
| Gloss | Low Sheen |
| Weight per Gallon | 12.3 ± 0.2 pounds |
| Viscosity | 110 - 120 KU |
| Solids: by Volume | 50.5 ± 1% |
| by Weight | 66.6 ± 1% |
| Elongation ASTM D2370 | 250 ± 25% |
| Tensile Strength ASTM D2370 | 272 ± 25 psi |
| Water Permeance | 22 perms |
| VOC | 0.60 lbs. per gallon (72 g/l) |
| Flash Point | None |
| Colors | White. The White can be tinted to pastel colors. |
| Packaging | Gallons, 5-Gallon, 55-Gallons |

Features

Testing: *Weather Barrier 2000 Rain Coat* passes NSF's tough potable water protocol and ASTM D 6083 .

Elastomeric: *Weather Barrier 2000 Rain Coat* remains flexible in severe weather conditions. Elastic and rubber-like, it flexes to surface expansion and contraction, due to temperature changes. It resists cracking even when exposed to extreme high and low temperature conditions.

Energy Saver: *Weather Barrier 2000 Rain Coat's* brilliant white maximizes solar reflectivity. It reduces summer heat build-up and roof surface temperature by as much as 60 degrees. It can virtually eliminate thermal shock and roof movement when applied over metal roofing, a major cause of leaks.

Waterproof: The Acrylic formula creates a closed cell membrane that completely seals and waterproofs. Critical areas at terminations, around protrusions and all stress areas can be additionally reinforced to provide extra protection against movement with Weather Barrier polyester mesh and Weather Barrier 1750, a heavy duty rubberized flashing material.

Adhesive: Adhesion to properly prepared surfaces is outstanding. Additional layers applied to previous layers are impossible to separate. Intercoat adhesion of future coats is great.

Chemical and Weather Resistant: *Weather Barrier 2000 Rain Coat* is resistant to common industrial chemicals, acid rain and other VOC compounds.

Lightweight: *Weather Barrier 2000 Rain Coat* adds only 8 lbs. per coat per 100 sq. ft. to the roof load.

Weather Barrier, Inc.

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Surface 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.

Primers

Weather Barrier 2000 is designed to be applied over Weather Barrier 1530 Base Coat as part of a system.

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

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

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 and 50% relative humidity:

To Touch: 2 - 4 hours

To Recoat: 6 - 12 hours

This will increase at lower temperatures and higher humidity.

Special Information

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. Potable Water Catchment Service: Wait at least one week and for two significant rainfalls to rinse the dried coating before putting the coated roof into water catchment service. Rinsing with a strong pressured garden hose can be substituted for rainfall.

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.

