

# POLAROOF NW™

## Elastomeric Waterproofing Coating



### DESCRIPTION

POLAROOF NW is a premium quality single component waterproofing coating for metal roofs, concrete decks and roofs with ponded water. It is solvent-based so may be applied in a wide temperature range. POLAROOF NW 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, and to resist impingement attack.

### OUTSTANDING FEATURES

- Can be used over steel, aluminum, tin, copper, rubber, concrete, masonry, wood, and others.
- Produces a fully adhered, seamless, high density, waterproofing membrane that is totally vapor proof (may be used as a vapor barrier).
- Protects substrate against rust, corrosion, UV damage, acid rain, and fungal attack.
- Easy to apply straight out of the container by brush, roller, or airless spray.
- May be used on vertical, pitched, and horizontal surfaces and withstands ponding water.
- Remains flexible, tough, and weatherproof at low temperatures and will not flow at high temperatures.

- White POLAROOF NW carries Energy Star certification.
- Will not re-emulsify or wash away with rainwater.

### APPLICATION

Surfaces must be dry, free of dirt or loose debris, free of oils, greases or any substances that will interfere with bond. All repairs of damage or defects must be made prior to product application. Refer to the POLAPRIME Data Sheet for information regarding selection of primer, if necessary.

POLAROOF NW is applied straight out of the can after 2 minutes of gentle low speed mixing or stirring. Apply the product using brush, roller or spray technique. If airless spray application is desired, a custom blended POLAROOF NW

version is available to be used with the following equipment specifications: Ratio 30:1 or 40:1/2" hose and a #35 or larger tip. A shorter hose length will increase output at the tip. Apply POLAROOF NW in a smooth, even fashion to achieve a uniform coating thickness in either one or two coats as desired.

### LIMITATIONS

Do not apply to wet or frozen surfaces that are saturated with moisture. Proper surface preparation and priming where indicated are important to product performance. Shelf life is 2 years when stored in a factory sealed container between 45°F and 90°F. This product is flammable. Keep away from sources of heat, sparks, and flames. Use only EP rated equipment.

SPECIFICATIONS	
<b>Coating Type</b>	Ethylene Elastomer
<b>VOC</b>	350 grams/liter
<b>Pot Life</b>	Not applicable (single component)
<b>Shelf Life</b>	2 years (unopened) from date of manufacture
<b>Recommended Thickness</b>	2 coats yield 18 to 26 mils Dry Film Thickness (DFT)
<b>Coverage</b>	Approximately 33 to 50 SF per gal; 2 to 3 gal per 100 SF (total for 2 coats)
<b>Packaging</b>	5 US gallon pails; also available in 1 gallon pails and 55 gallon drums
<b>Color</b>	24 standard colors. Custom colors are also available

PRODUCT DATA

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### MAINTENANCE

If a surface becomes dirty, wash with a mild soapy water solution. If an area becomes nicked or cut, re-coat with POLAROOF NW. Clean tools and equipment with xylene or toluene solvent. Do not allow any solvent to contact POLAROOF NW that has been applied.

### PRECAUTIONS

Read the container label warning and Material Safety Data Sheet (MSDS) for important health and safety information prior to the use of this product.

**Keep out of reach of children and pets.**

For more information, call our Technical Department.

TECHNICAL DATA		
<b>Moisture Vapor Transmission:</b>	0.01 perms	ASTM E-96
<b>Tensile Strength:</b>	864 psi	ASTM D-412
<b>Elongation:</b>	550%	ASTM D-412
<b>Solids:</b>	63% (B.W.); 55% (B.V.)	ASTM D-1044
<b>Flashpoint:</b>	105°F (Closed Cup)	FTMS 141A(M4293)
<b>Shore 'A' Hardness:</b>	75	ASTM D-2240
<b>Weatherometer (5000 hours):</b>	Pass	ASTM G-23
<b>Low Temperature Flexibility:</b>	180° bend (10°F)	ASTM C-711
<b>Density:</b>	approx. 9 lb/gallon	ASTM D-1475
<b>Viscosity:</b>	approx. 15,000 cps	ASTM D-446

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