

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 and may be applied in any 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.
- Will not re-emulsify or wash away with rainwater

APPLICATION

Surfaces must be dry, free of dirt or loose debris, and priming where indicated are important to product 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.

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 1 year 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	
Coating Type	Ethylene Elastomer
VOC	350 grams/liter
Pot Life	Single component
Shelf Life	24 months
Recommended Thickness	24 mils dry film thickness
Coverage	2 gallons/100 square feet
Packaging	5 gallon pails
Color	White, Gray, Red, Green, Black, or special colors

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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

POLAROOF NW is a solvent-based product. Avoid with skin and eyes. In case of contact with skin, with soap and water for 15 minutes for contact with eyes, flush with water for 15 minutes and get medical attention in addition to flushing. Do not ingest. In case of ingestion, do NOT induce vomiting; immediately contact a physician.

Avoid inhalation of fumes; if aerosol mist is inhaled, immediately seek medical attention. Wear safety goggles, rubber gloves, coveralls, and appropriate respirator when applying POLAROOF NW.

For more information, call our Technical Department.

Keep out of reach of children and pets.

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

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