

1. Product Name

EnergyGuard® Aromatic Polyurethane Roof Coating

2. Distributed by EPDM Coatings

494 Bridgeport Ave Suite 101, PMB 342 Shelton, CT 06484-4748

URL: www.epdmcoatings.net



Not available in
California

3. Product Description

EnergyGuard® Aromatic Polyurethane Elastomeric Roof Coating is a single component, moisture cure polyurethane roof coating for all types of roofs.

Basic Uses

Built Up Roofing (BUR), Concrete Roofs, Metal Roofs, Modified Bitumen, Polyurethane Foam, Single Ply Roofing (PVC, TPO).

Advantages

- ☆ Provides a seamless, durable membrane.
- ☆ High Tensile Strength and Elongation properties.
- ☆ Superior adhesion to various substrates.
- ☆ Contains fungicides and mildewcides.
- ☆ Excellent UV protection for polyurethane foam.
- ☆ Heat reflective coating helps reduce cooling costs.
- ☆ Reflects the sun's UV-rays and prevents premature degradation.
- ☆ Prevents premature roof failure by controlling thermal cycling.
- ☆ Coverage is 350 Sq ft per 5 gallon pail



4. Technical Data

See table on the following page.

5. Installation

- ☆ All surfaces to be coated must be clean, dry and free of any oil, grease or dirt.
- ☆ Any existing coating must be checked for good adhesion.
- ☆ Product will handle a light drizzle with no problems. Severe rain will cause the product to dimple
- ☆ Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.
- ☆ Product should be applied when temperatures are 45F and above
- ☆ Aromatic Polyurethane Roof Coating is ready to use. Thinning is not recommended.
- ☆ Containers should not be left open for extended periods of time.
- ☆ Follow our roof repair and roof restoration procedures and always perform a coating adhesion test before doing the entire roof.
- ☆ Spray: Airless Sprayer, 1gpm, 3,000 psi, .025 or .031 tip.
- ☆ Brush: Good quality synthetic bristle brush.
- ☆ Roller: Long nap roller.
- ☆ Clean Up: Xylene.

6. Availability & Cost

Aromatic Polyurethane Roof Coating is available directly from EPDM Coatings. Contact EPDM Coatings for referral to a local Sales Representative or visit our website. Pricing information can be obtained from EPDM Sales Representatives.

7. Warranty

On preapproved, qualified applications, using EPDM approved applicators, a 10 year warranty is available. Contact EPDM Coatings for complete warranty information. For application requiring the Aromatic Polyurethane primer both the primer and Energyguard Silicone top coat need to be applied at a 15 mil. For those application only requiring the Energyguard Silicone you may apply at a 20 mil

8. Maintenance

Periodic maintenance of EPDM Roof Restoration System ensures extended service life and maintains reflectivity.

9. Technical Services

Contact EPDM Coatings for Technical Support. Additional information, product literature, brochures, and specifications are available.

10. Filing Services

Additional product information is available from EPDM Coatings.

This product data sheet conforms to the editorial style prescribed by The Construction Specifications Institute. The manufacturer is responsible for technical accuracy.

Aromatic Polyurethane Roof Coating Technical Data

Property	Value	Method
Adhesion	Exceeds tensile	
Clean Up	Xylene	
Coverage	1gal/100SF yields 10.88 dry mils. Up to 1.5gal/100SF per coat. 2 coats, 25 - 30 dry mils recommended.	
Cure Time	Dry to Touch: 6 hours Tack Free: 8 - 12 hours Recoat: 12 - 16 hours	
Density	9 lbs ±0.2 per gallon	
Elongation	350% ±50	
Flash Point	80°F	
Hardness	69 Shore A	
Packaging	5 gallon pail, 55 gallon drum	
Permeability	.02 perm inch	
Service Temperature	-50° to 200°F	
Shelf Life	90 Days @ 40° - 90° F	
Solids by Volume	68%	ASTM D-2697
Solids by Weight	79%	ASTM D-1644
Tensile Strength	1000 psi ±50	
Viscosity	3000 ±1000 cP	
Water Absorption	2.4%	

Freight Classification: Paint - Flammable Liquid (UN 1263 Red Label Required)

Warning: Aromatic Polyurethane Roof Coating contains Xylene, VM & P Naptha. Keep away from open flame, heat or sparks. Use only in ventilated areas and provide mechanical ventilation in enclosed spaces. Avoid breathing vapor or mist. Approved (MESA/NIOSH) chemical respirator and protective clothing must be used at all times. Fresh air hose masks required for interior applications. EPDM Coatings must be completely dry before exposing to water or foot traffic. Keep EPDM Coatings containers covered when not in use. Dispose of all containers in accordance with state and local environmental regulations. Keep away from children. If ingested, DO NOT induce vomiting. Call Physician immediately.

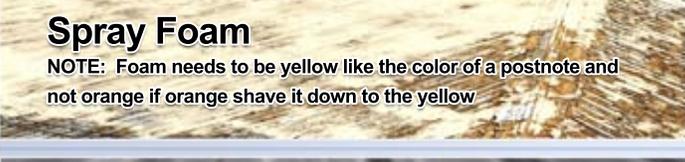
Product information contained herein are presented in good faith and believed to be reliable. They do not constitute part of our terms and conditions of sale. It is also not a guarantee, either expressed or implied, that the data are correct or that products described are merchantable or fit for a particular purpose as methods of use are beyond our control. Customer should determine the suitability of our materials and installation recommendations before usage. Manufacturer's sole responsibility shall be to replace that portion of any product that proved to be defective.



Distributing Specialty Roofing Products Worldwide

Cross Reference Chart

For More Information
Call: 855-281-0940

Roof Types	Primer	Base Coat Solvent Based	Top Coat Solvent Based	Total Mil Rate
 <p>Built Up or Modified Bitumen Roof</p>		EnergyGuard Aromatic Polyurethane 1.38gal/100 Sq Ft (Coverage 15 Mil) 350 Sq ft per 5 gallon pail	EnergyMax High Volume Solid Silicone 0.98 Gal/100 Sq Ft (Coverage 15 Mil) 525 Sq ft per 5 gallon pail	30
 <p>EPDM or TPO (TPO MUST be 7 yrs or older)</p>		EnergyGuard Aromatic Polyurethane 1.38 gal/100 Sq Ft (Coverage 15 Mil) 350 Sq ft per 5 gallon pail	EnergyMax High Volume Solid Silicone 0.98 Gal/100 Sq Ft (Coverage 15 Mil) 525 Sq ft per 5 gallon pail	30
 <p>Flat Metal Roofs</p>		EnergyGuard Aromatic Polyurethane 1.38 gal/100 Sq Ft (Coverage 15 Mil) 350 Sq ft per 5 gallon pail	EnergyMax High Volume Solid Silicone 0.98 Gal/100 Sq Ft (Coverage 15 Mil) 525 Sq ft per 5 gallon pail	30
 <p>Pitched Metal Roofs Flat Metal Roofs may use EnergyMax Silicone</p>		EnergyMax Acrylic 1.77 gal/100 Sq Ft (Coverage 15 Mil) 300 Sq ft per 5 gallon pail	EnergyMax Acrylic 1.77 gal/100 Sq Ft (Coverage 15 Mil) 300 Sq ft per 5 gallon pail	30
 <p>Flat Rusted Metal Roofs</p>	PrimeLock Rust Primer 1.00 gal/100 Sq Ft	EnergyMax High Volume Solid Silicone 0.98 gal/100 Sq Ft (Coverage 15 Mil) 525 Sq ft per 5 gallon pail	EnergyMax High Volume Solid Silicone 0.98 Gal/100 Sq Ft (Coverage 15 Mil) 525 Sq ft per 5 gallon pail	30
 <p>Concrete</p>		EnergyGuard Aromatic Polyurethane 1.38 gal/100 Sq Ft (Coverage 15 Mil) 350 Sq ft per 5 gallon pail	EnergyMax High Volume Solid Silicone 0.98 Gal/100 Sq Ft (Coverage 15 Mil) 525 Sq ft per 5 gallon pail	30
 <p>Spray Foam NOTE: Foam needs to be yellow like the color of a postnote and not orange if orange shave it down to the yellow</p>		If originally coated with silicone or acrylic	EnergyMax High Volume Solid Silicone 0.98 Gal/100 Sq Ft (Coverage 15 Mil) 525 Sq ft per 5 gallon pail	30
 <p>Galvalume (Acrylic on Pitched Roofs EnergyMax Silicone on Flat Roofs)</p>		EnergyMax Acrylic 1.77 gal/100 Sq Ft (Coverage 15 Mil) 300 Sq ft per 5 gallon pail	EnergyMax Acrylic 1.77 gal/100 Sq Ft (Coverage 15 Mil) 300 Sq ft per 5 gallon pail	30