

EnergyGuard® Aromatic Polyurethane Coating

Membrane Roofing / Fluid Applied Roofing / Elastomeric Roof Coating – 07 56 00



1. PRODUCT NAME

EnergyGuard® Aromatic Polyurethane Roof Coating

2. MANUFACTURER

Lexis Coatings

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Woodstock, GA 30189
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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 with superior adhesion to various substrates.
- High Tensile Strength and Elongation properties.
- Contains fungicides and mildewcides.
- Excellent UV protection for polyurethane foam.
- Reflects the sun's UV-rays to help reduce cooling costs and prevents premature roof degradation.
- Prevents premature roof failure by controlling thermal cycling.

4. TECHNICAL DATA

See table on the following page.

5. INSTALLATION

- EnergyGuard® Aromatic Polyurethane Roof Coating is ready to use. **Thinning is not recommended.**
- Roof surface to be coated must be clean, dry and free of any oil, grease or dirt. Any loosely adhered coating must be removed, bare surfaces must be prepared and checked for compatibility.
- 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.
- Containers should not be left open for extended periods of time.

6. AVAILABILITY & COST

EnergyGuard® Aromatic Polyurethane Roof Coating is available directly from Lexis Coatings and from online distributors. Contact Lexis Coatings for contractor pricing.

7. WARRANTY

On preapproved, qualified applications, using Lexis approved applicators, a 10 year warranty is available. Contact Lexis Coatings for complete warranty information.

8. MAINTENANCE

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

9. TECHNICAL SERVICES

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

10. FILING SERVICES

Additional product information is available from Lexis Coatings.



EnergyGuard® Aromatic Polyurethane Roof Coating Technical Data

Property	Value
Color	Silver
Viscosity	2500 – 3100 cps [Brookfield]
Solids by weight	76% ± 2%
Solids by volume	72% ± 2%
Density	9.2 ± .2 lbs per gallon
Hardness	65 Shore A [ASTM D-2240]
Tensile Strength	975 ± 50 psi [ASTM D-412]
Permeability	.02 perms [ASTM E-96]
Elongation	300% [ASTM D-412]
Flash Point	80°F
Coverage	1.0 – 1.5 gal/100 s.f. per coat. 2 coats recommended.
Application Temperature	45°F (and rising) – 95°F, Less than 85% relative humidity.
Dry Time	Dry to touch in 3 – 4 hours, 4 – 10 hours to recoat.
Shelf Life	3 – 6 months @ 40°-90°F
Clean Up	Xylene

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

Warning: EnergyGuard® 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. Lexis Coatings must be completely dry before exposing to water or foot traffic. Keep Lexis 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.

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