



1. PRODUCT NAME

EnergyGuard® Acrylic Elastomeric Roof Coating

2. MANUFACTURER

Lexis Coatings

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3. PRODUCT DESCRIPTION

EnergyGuard® Acrylic Elastomeric Roof Coating is a high solids, waterproof, roof coating for all types of roofs.

Basic Uses

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

Advantages

- Provides a seamless, durable membrane with 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 to help reduce cooling costs and prevents premature roof degradation.
- Prevents premature roof failure by controlling thermal cycling.
- Easy to use, non-toxic and VOC compliant water based coating.

4. TECHNICAL DATA

See table on the following page.

5. INSTALLATION

- EnergyGuard® Acrylic Elastomeric 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, .027 or .031 tip.
- **Brush:** Good quality synthetic bristle brush
- **Roller:** Long nap roller
- **Clean Up:** Water
- Containers should not be left open for extended periods of time.

6. AVAILABILITY & COST

EnergyGuard® Acrylic Elastomeric 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® Acrylic Elastomeric Roof Coating Technical Data

Property	Value
Color	White or any custom color
Viscosity	6,000 – 8,000cps [Brookfield]
Solids by weight	70% ± 2%
Solids by volume	60% ± 2%
Density	11.2 ± .2 lbs per gallon
Hardness	48±5 Shore A [ASTM D-2240]
Tensile Strength	350 ± 50 psi [ASTM D-412]
Permeability	3.0 perms [ASTM E-398]
Elongation	325%± 25 [ASTM D-412]
Reflectivity	Initial 0.86, After 3 Years 0.80 [ASTM C-1549]
Emissivity	0.89 [ASTM C-1371]
Flash Point	None
Coverage	1.25 – 1.5 gal/100 s.f. per coat. 2 coats recommended.
Application Temperature	55°F (and rising) – 100°F, Less than 85% relative humidity.
Dry Time	Dry to touch in 4 – 6 hours, 12 – 24 hours to recoat. Depending on humidity and moisture.
Shelf Life	12 months @ 40°-90°F
Clean Up	Water
VOC	<50 g/lit

Caution: EnergyGuard® Acrylic Elastomeric Roof Coating is a water-based product which will freeze and become unusable at temperatures below 32°F. Suspend all application if conditions prevent a complete cure before sunset, rain, fog, dew or freezing temperatures. 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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