

# EnergyGuard® Silicone Elastomeric Coating

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



## 1. PRODUCT NAME

### EnergyGuard® Silicone Elastomeric Roof Coating

## 2. MANUFACTURER

**Lexis Coatings**  
1025 Rose Creek Dr  
Ste 620 #138  
Woodstock, GA 30189  
Phone: 770-755-1820  
Fax: 206-888-2438  
URL: [www.lexiscoatings.com](http://www.lexiscoatings.com)

## 3. PRODUCT DESCRIPTION

**EnergyGuard® Silicone Elastomeric Roof Coating** is a solvent based, waterproof, silicone rubber roof coating.

## USES

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

## Advantages

- Provides a seamless, durable membrane with superior adhesion to various substrates. Breathable membrane prevents moisture entrapment.
- Maintains flexibility even in extreme temperature ranges.
- Exceptional weathering characteristics. Resists ozone and harsh chemicals.
- Prevents premature degradation and roof failure by reflecting UV rays and controlling thermal cycling. Excellent topcoat for aged urethane coatings.
- Energy Star-labeled reflective roof coating helps reduce cooling costs.



## 4. TECHNICAL DATA

See table on the following page.

## 5. INSTALLATION

- EnergyGuard® Silicone 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, .025 or .031 tip.
- **Brush:** Good quality synthetic bristle brush.
- **Roller:** Long nap roller.
- Containers should not be left open for extended periods of time.

## 6. AVAILABILITY & COST

EnergyGuard® Silicone Elastomeric Roof Coating is available directly from Lexis Coatings and authorized 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.



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## EnergyGuard® Silicone Elastomeric Roof Coating Technical Data

Color	Standard colors are White, Gray & Tan. Custom colors by special order.
Solids by weight	80% ± 2% [ASTM D-1644]
Solids by volume	69% ± 2% [ASTM D-2697]
Hardness	50 ± 5 Shore A [ASTM D-2240]
Permeability	5.9 perms [ASTM E-96 Method B]
Tensile Strength	486 psi ± 20 @ 73°F 700 psi ± 20 @ 0°F [ASTM D-412]
Elongation	267% @ 73°F 282% @ 0°F [ASTM D-412]
Reflectivity	Initial: 84%, After 3 years: 70% (White) [ASTM C-1549]
Emissivity	0.85 [ASTM C-1371]
SRI	105
Coverage	1.25 – 1.5 gal/100 s.f. per coat. 2 coats recommended.
DFT	1 gallon / 100 s.f. yields approximately 11 dry mils.
Application Temperature	45°F (and rising) – 95°F, Less than 85% relative humidity.
Flash Point	>105°F
Dry Time	Dry to touch in 1 – 2 hours, 4 – 6 hours to recoat.
Shelf Life	Unopened Containers – 12 months @ 40°-90°F
Clean Up	MEK, Naptha or Mineral Spirits
VOC	< 250 g/lit [ASTM D-3960 - EPA Method 24]

**Warning:** EnergyGuard® Silicone Elastomeric Roof Coating contains Petroleum Solvent. 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.

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.



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