



## 1. PRODUCT NAME

### EnergyMax® Acrylic Elastomeric Roof Coating

## 2. MANUFACTURER

### Lexis Coatings

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Woodstock, GA 30189  
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## 3. PRODUCT DESCRIPTION

**EnergyMax® 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

- Meets or exceeds all the requirements of **ASTM D-6083**
- Provides a seamless, durable membrane with superior adhesion to various substrates.
- Contains fungicides and mildewcides.
- Excellent UV protection for polyurethane foam.
- Reflects the sun's UV-rays helps reduce cooling costs and prevents premature 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

- EnergyMax® 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

EnergyMax® Acrylic Elastomeric Roof Coating is available directly from Lexis Coatings and from online distributors. Contact Lexis Coatings for pricing information.

## 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.



# EnergyMax® Acrylic Elastomeric Roof Coating Technical Data

Property	Value (ASTM D-6083 Requirement)
Color	White or any custom color
Density	11.5 ± .2 lbs per gallon
Hardness	48±5 Shore A [ASTM D-2240]
Viscosity	120KU [ASTM D-562] (85-141 : Pass)
Solids by weight	66% ± 2% [ASTM D-1644] (>60 : Pass)
Solids by volume	55% ± 2% [ASTM D-2697] (>50 Pass)
Tensile Strength	280 ± 50 psi [ASTM D-2370] (>200 : Pass)
Permeability	5.5 perms [ASTM D-1653] (<50 : Pass)
Initial Elongation	400%± 25 [ASTM D-2370] (>100 : Pass)
Final Elongation @ 1000 hrs	320%± 25 [ASTM D-2370] (>100 : Pass)
Tear Resistance	78 lbf/in [ASTM D-624] (>60 : Pass)
Low Temp Flexibility	Passes 180° flex over 1/2" mandrel @ 23°C/77°F [ASTM D-522] (Pass)
Reflectivity	Initial 0.86, After 3 Years 0.80 [ASTM C-1549] (Pass)
Emissivity	0.89 [ASTM C-1371] (Pass)
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:** EnergyMax® 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.

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.



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

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