

## OVERVIEW & FEATURES

Energizer LO is a high-performance, low-odor, fluid-applied waterproofing membrane designed to restore and extend the life of smooth or mineral-surfaced SBS, aged APP, and built-up roof systems. By combining the superior waterproofing properties of polyurethane and asphalt, Energizer LO delivers exceptional durability and long-lasting protection.

**Low Odor & Environmentally Friendly** - Thanks to its advanced asphaltic urethane formula and low solvent content, Energizer LO is a low-odor solution that reduces concerns in VOC-sensitive environments such as hospitals, schools, and food production facilities. Upon curing, it forms a robust, rubberized asphalt-like finish—without the need for a torch or hot kettle, making it safer, cleaner, and more efficient to apply.

**Extended Life Expectancy** - SBS and APP modified membranes extend the lifespan of traditional BUR systems. However, over time, these surfaces can degrade due to exposure to the elements and UV damage. Energizer LO rejuvenates and restores the high-performance qualities of these membranes, bringing the rubberized surface back to its original strength and durability, ensuring long-lasting protection and performance like new.

**User-Friendly & Versatile** - Energizer LO is easy to apply—whether using a brush, squeegee, or spray, making it the perfect choice for in-house maintenance teams. Its versatility shines as it works seamlessly on SBS, aged APP, and both smooth and mineral-surfaced asphalt roofs, ensuring a reliable solution for a wide range of roofing systems.

**Fast Curing & Long-Lasting Strength** - Energizer LO features a unique polyurethane chemistry that undergoes a chemical curing process, gradually building strength over time for enhanced durability. Unlike traditional solvent-based rubberized coatings that merely form a surface film as the solvent evaporates, Energizer LO offers superior, long-term performance with a more robust and resilient finish.

## APPLICATION

**Refer to the Energizer Application Guidelines for complete substrate specific repair, preparation and application requirements.**

**Surface Preparation** - Ensure that wet conditions do not exist. A moisture survey is required to detect wet insulation. Remove all wet insulation, dirt and debris from the existing roof to ensure proper adhesion.

**Priming** - Prime the roof surface with Garland's Garla-Prime® or Garla-Prime VOC at 0.5 gal/100 sq. ft. (0.20 l/m<sup>2</sup>).

**For Roof Coating** - Slopes are restricted to 3:12 @ 77°F (25°C) maximum. Apply Energizer LO at a rate of approximately 3 gal./ 100 sq. ft. (1.22 l/m<sup>2</sup>) over the entire roof surface.

If granules are to be incorporated, apply them immediately after Energizer LO application. Do not spread minerals over surfaces prior to product application. When granules are not applied, Energizer LO must be coated with either Garla-Brite, Silver-Shield or Pyramic Plus LO at 15-30 days after application.

**For Reinforced Roof Restoration** - Slopes are restricted to 3:12 @ 77°F (25°C) maximum. Apply Energizer LO at a rate of approximately 6-7 gal./ 100 sq. ft. (2.4-2.8 l/m<sup>2</sup>) with Grip Polyester® Firm embedded within the Energizer LO over the entire roof surface. Please refer to Application Guidelines for coverage rates of other surfaces.

If granules are to be incorporated, apply them immediately after Energizer LO application. Do not spread minerals over surfaces prior to product application. When granules are not applied, Energizer LO must be coated with either Garla-Brite, Silver-Shield or Pyramic Plus LO at 15-30 days after application.

## PRECAUTIONS

- Do not apply over wet surfaces
- Please read product label and SDS
- Material should be kept indoors while not in use, do not keep on the roof overnight

Technical Data	Energizer LO
<b>Non Volatile</b> (ASTM C 1250)	82%
<b>Ash Content</b> (ASTM D 5040)	19%
<b>Density</b> (ASTM D 1475)	9.4 lb./gal. (1.13 g/cm <sup>3</sup> )
<b>Viscosity @ 77°F (25°C)</b> Brookfield RVT, Spindle #5, 50 rpm	6,500 cP
<b>Flash Point</b> (ASTM D 93)	Minimum 100°F (37.7°C)
<b>Elongation @ 77°F (25°C)</b> (ASTM D 412)	Typical 1100%
<b>Water Absorption</b>	<0.7%
<b>Compound Stability</b>	Passes 220°F (104.4°C)
<b>Shelf Life</b>	12 months
<b>Packaging</b>	5 gallon (18.9 l) pail 55 gallon (208.2 l) drum

Eco-Facts	Energizer LO
<b>VOC</b>	204 g/L

For specific recommendations and coverage rates, please contact your local Garland Representative or Garland Technical Service Department.



For additional Energizer documents, scan the QR code above.

**The Garland Company, Inc.**  
3800 East 91st Street  
Cleveland, OH 44105  
FAX: 216-641-0633  
Phone: 216-641-7500  
Toll Free: 800-321-9336

**Garland Canada Inc.**  
3565 Nashua Drive  
Mississauga, ON L4V 1R1  
Canada  
FAX: 416-747-1980  
Phone: 416-747-7995  
Toll Free: 800-387-5991  
(Only in Canada)

Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. A ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or Garland Corporate Office for more information.

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