

# AcryLinkG™ Roof Coating

## Crosslinking Acrylic Latex Elastomer

AcryLinkG is a single component, high-solids acrylic elastomeric roof coating that is combined with a custom engineered, technologically advanced, cross-linking resin. AcryLinkG can be brushed, rolled or sprayed over a multitude of commercial roof systems. This unique formulation of environmentally conscious chemicals provides a seamless and robust barrier of protection from the elements, while expanding and contracting with your roof, making it unlike any product of its kind.

### OUTSTANDING FEATURES:

- Highly durable: puncture- and tear-resistant without the need for fabric
- Up to 20-year warranties
- 2-inch hail-resistant warranties
- UV stable

- **Environmentally Responsible Manufacturing**

Manufactured with non-toxic materials, AcryLinkG has low VOCs and is packaged in lined drums to reduce waste.

- High solar reflectivity
- Easy-to-install and maintain
- Efficient: High solids formulation allows for applying more coating per pass
- 5 standard and stocked colors
- Custom colors available at no additional cost and no minimum quantity
- Unique crosslink properties

“Crosslinking:” the chemical reaction that occurs after the coating has dried on the surface. A catalyst causes a strong chemical bond to form internally at many points along each polymer chain, tying them all together into one, single gigantic molecule.

### APPLICATION:

Clean surface and remove all loose debris. (Power washing is recommended).  
Apply base and topcoat in less than 1.5 gallons per 100 sq ft per pass.

### MAINTENANCE:

Damaged areas should be cleaned and free of loose debris. AcryLinkG, AcryCaulk™ or AcryPair™ should be applied.

### PRECAUTIONS:

- Optimum application window is when ambient temperature is above 45°F and relative humidity is below 85 percent.
- Do not apply to wet surfaces or when inclement weather is present.
- It is not recommended to apply coats in more than 1.5 gallons per 100 sq ft per pass.
- Do not apply when gross ponded water is present, the existing roofing system is suspected of holding moisture or the roof area does not shed water effectively.
- See Safety Data Sheet (SDS) and container labels for detailed health and safety information. This product is intended for professional use by trained and approved applicators only.

### TECHNICAL DATA

Solids (wt.)	73%
Solids (vol.)	63%
Wt./gal	11.43 lbs.
Viscosity (Brookfield @ 100 rpm)	3000 cps
Vehicle Type	100% Crosslinking Acrylic
Pigment/Vehicle Ratio	1.5/1
Elongation (failure, ASTM D 412)	360%
Elongation (90% recovery, ASTM D 412)	350%
Tensile Strength (ASTM D 412)	304 psi
Hardness (ASTM D 2240, Shore A)	57
Tear Strength (ASTM D 624)	63 lbs./inch
Service Temperature (ASTM D 2137, D 794)	-45°F to 250°F
Ponding Water Resistance	Excellent
Water Vapor Permeance @ 45 mils (ASTM E 96)	2.21 perms
Water adsorption (ASTM D 471; 22hrs, 73°C)	4.34%
Cold Flex (ASTM C 711)	Pass
Weatherometer (ASTM D 1499, G 23)	1000 hours
Weathered Elongation	76% of original
Weathered Tensile Strength	169% of original
Fire Resistance (UL 790 Non-Comb. Deck), incline unlimited	Class A
Fire Resistance (UL 790 Combustible Deck)	Class B
Fire Resistance (FM, ASTM E108)	Class A
Hail/UV/Hail Resistance (Factory Mutual)	Severe Hail Resistant
Fungicide	0.02%
Adhesion (ASTM D 3359)	Pass
Chemical Resistance (ASTM D 1308)	Pass (No effect)
Solar Reflectance (ASTM E 903)	79%
Near-Normal Infrared Emittance (ASTM E 408)	0.95
VOC	16.2g/liter

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Utilizing **CROSSLINKING** chemistry and custom-engineered acrylic resins, AcryLinkG exhibits a combination of high tensile strength and elongation previously found only in some urethane coatings, while retaining the superior ultraviolet resistance and ease of application of acrylic coatings.

In addition to high tensile strength and elongation, the cured AcryLinkG membrane has excellent resistance to ponding water, fire and harsh chemical environments including acids, bases, industrial pollutants and hydrocarbons such as petrochemicals and animal fats.

Technologically advanced crosslinking acrylic resins, a superior coating formulation and competitive pricing combine to set AcryLinkG apart from all other coatings of any price range. With warranted applications over nearly every type of commercial and industrial exterior surface, AcryLinkG is as versatile as it is durable.