

OVERVIEW

CPR Coating is a synthetic liquid rubber membrane specifically formulated for use on metal roofs and metal walls. CPR can easily be applied over sloped, contoured surfaces and will provide long-lasting, waterproof protection.

Durable & Resilient - CPR has exceptional resistance to UV damage and deterioration due to weathering and forms a rubber-like monolithic membrane over the entire surface. It is elastic regardless of the temperature and will expand and contract with the movement of the substrate.

Versatile - CPR can be applied on most types of metal roof construction materials and surfaces, regardless of slope. On steep slope applications, the coverage rate is cut back and applied in multiple coats.

Lightweight - Completed application is less than 1/5 a pound per square foot, drastically reducing the overall dead weight when compared to conventional systems.

PREPARATION

Make any necessary repairs, including removal of any wet insulation and roofing materials and replace with like materials. Allow repairs to cure completely. Confirm local water run-off ordinances and restrictions prior to cleaning roof. Carefully power wash all roof surfaces with greater than 2,000 psi pressure to remove debris, rust, scale, dirt, dust, chalking, peeling or flaking coatings, etc. Do not force water into the roof system or damage roof surfaces. Wearing personal protective clothing and equipment, remove algae, mildew or fungus with Simple Green Oxy Solve and scrubbing with a push broom scrub brush. Rinse at least twice to be sure all cleaning agents or contaminants are completely removed to prevent adhesion issues. If the roof surface becomes contaminated with dirt, dust or other particles at any time during the application of the CPR system, cleaning measures must be taken to restore the surface to a suitable condition.

APPLICATION

Refer to the CPR System Application Guidelines for complete installation instructions, preparation, and coverage rate requirements.

PRECAUTIONS

- Do not apply when the ambient temperature is below 40°F (5°C) or above 95°F (35°C).
- Do not apply if the metal surface temperature is over 140°F (60°C).
- Do not use on roof areas subject to ponding water.
- Do not apply when rain is expected within 24 hours.
- Do not allow the product to freeze.
- Storage temperatures should be between 60-80°F (16-27°C). Indoor ventilated storage is recommended. Ensure jobsite storage is in a shaded and ventilated area. Do not store in direct sunlight. Keep materials away from open flame or welding sparks.
- Do not apply over silicone coatings.
- Reference product SDS prior to application.
- Coverage rates may vary based on surface condition/texture and do not take into account material loss due to spraying, surface texture, surface absorption, waste, etc..

Technical Data	CPR™ Coating
Flash Point (ASTM D93)	105°F (40.6°C)
Viscosity	105 KU
Solids (by Weight) (ASTM D7232)	60%
Density @ 77°F (25°C) (ASTM D1475)	9.4 lbs./gal. (1.13 kg/L)
Dry Time @ 70° F (21.1°C)/50% RH	
To Touch	2-3 hours
Throughout	3 days
Elongation (ASTM D2370)	600% min.
Tensile Strength (ASTM D2370)	500 psi
Water Vapor Permeability (ASTM E96)	0.3 perms
Shelf Life	12 months
Coverage	
Roof	1.5 gal./100 sq. ft. per coat (0.61 l/m ²) (two coats required)
Walls	1.0 gal./100 sq. ft. per coat (0.41 l/m ²) (two coats required)
Color	Gray or White
Packaging	5 gallon pail (18.9 l)

Eco-Facts	CPR™ Coating	
VOC	<430 g/L	
	Initial	Aged (3 years)
Reflectance	0.84	0.71
Emittance	0.86	0.91
SRI	105	87

For specific application recommendations, please contact your local Garland Representative or Garland Technical Service Department.



For more information, visit us at: www.garlandco.com

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.
209 Carrier Drive
Toronto, Ontario
Canada, M9W 5Y8
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. ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or the home office for more information.

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