

CPR™ White Coating



OVERVIEW & FEATURES

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

The CPR White Coating system cures to a monolithic rubbery membrane with high tensile strength, and the ability to elongate and recover handling metal expansion and contraction. CPR White also has the ability to “bridge” hairline cracks that may develop, while maintaining performance as a continuous waterproofing membrane.

Durable & Resilient - CPR White Coating 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 System 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.

Inhibits Corrosion - When CPR System is used with Rust-Go™ Primer on metal surfaces, it helps deaden sound and resist hail damage.

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 Garland D7 or 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, coverage rates and primer 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
- Store material in dry protected areas and on a clean, raised platform
- 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.

CPR White Coating

Technical Data	CPR White Coating
Flash Point (ASTM D 93)	105°F (40.6°C)
Viscosity	105 KU
Volume Solids (ASTM D 2369)	36
Density @ 77°F (25°C) (ASTM D 1475)	9.0 lbs./gal. (1.08 kg/L)
Dry Time @ 70° F (21.1°C)/50% RH	
To Touch	2-3 hours
Throughout	3 days
Elongation (ASTM D 412)	600% min.
Tensile Strength (ASTM D 412)	500 psi
Water Vapor Permeability (ASTM E 96)	0.3 perms
Shelf Life	1 year
Coverage	
Roof	1.5 gal./100 sq.ft. (0.61 l/m ²)
Walls	1.0 gal./100 sq.ft. (0.41 l/m ²)
Color	White
Packaging	5 gallon pail (18.9 L)
Fungi Resistance (ASTM G 21)	Zero rating - No fungi growth

Eco-Facts	CPR White Coating
VOC	<430 g/L
Initial Reflectance	0.84
Initial Emittance	0.91
Initial SRI	105

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



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Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. $\pm 10\%$ 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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