

## OVERVIEW & FEATURES

CPR Base Coat is a synthetic liquid rubber base coat used in conjunction with CPR White Coating to form a watertight liquid membrane for metal roof and wall panels.

The CPR system cures to a monolithic rubbery membrane with high tensile strength and the ability to elongate and recover. Cured CPR Base Coat is firmly adhered to the substrate, and has the ability to “bridge” hairline cracks that may develop, maintaining a continuous film of protection. For areas that experience high movement, such as horizontal and vertical metal panel end laps, use CPR products in combination with Grip Polyester Soft or UniBond ST Tape.

**Durable** - CPR Base Coat has exceptional elongation and tensile strength, providing long-term protection.

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

**Stable & Resistant** - CPR Base Coat 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.

**Application Friendly** - CPR Base Coat can be applied on most metal roof types, regardless of slope. The CPR Base Coat is gray in color, making it easy to see when you apply the bright white CPR White Coating over the base coat.

## 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, coverage rates and primer requirements specific to the existing roof substrate.**

## PRECAUTIONS

- Do not apply when the ambient temperature is below 40°F (5°C) or above 95°F (35°C)
- Do not apply when the surface temperature is above 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 coating
- 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 Base Coat

Technical Data	CPR Base Coat
<b>Flash Point</b> (ASTM D 93)	105°F (40.6°C)
<b>Volume Solids</b> (ASTM D 2369)	42%
<b>Dry Time</b> To Touch Full cure	2-3 hours 3 days
<b>Color</b>	Gray
<b>Elongation</b> (ASTM D 412) @ 77°F	500%
<b>Recovery from 100% Elongation</b> (ASTM D 412)	100%
<b>Tensile Strength</b> (ASTM D 412)	350 psi
<b>Viscosity</b>	105 KU
<b>Density</b>	9.0 lbs./gal
<b>Permeability, Water Vapor</b> (ASTM E 96)	0.3 perms
<b>Shelf Life</b>	1 Year
<b>Coverage</b> Roof Wall	1.5 gallons per 100 ft. <sup>2</sup> (.61 l/m <sup>2</sup> ) 0.5 gallons per 100 ft. <sup>2</sup> (0.21 l/m <sup>2</sup> )
<b>Packaging</b>	5 gallon pail (18.9 l)

Technical Data	CPR Base Coat
<b>VOC</b>	<400 g/L

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

For more information, visit us at: [www.garlandco.com](http://www.garlandco.com)

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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. 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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