



OVERVIEW & FEATURES

CPR Seam Sealer is a synthetic liquid rubber, brush grade (BG) or trowel grade (TG) mastic that was specifically designed for application to metal roofs, walls, and problem areas such as gutters, expansion joints, etc. CPR Seam Sealer can be easily applied over sloped, contoured surfaces and will provide long lasting protection. It cures to a monolithic rubbery membrane with high tensile strength and the ability to elongate and recover.

For areas that experience high movement, use either CPR Seam Sealer GB or TG in combination with Grip Polyester™ Soft for long lasting protection.

Durable - CPR Seam Sealer has exceptional resistance to UV damage and deterioration due to weathering.

Versatile - CPR Seam Sealer can contour to irregular shapes and surfaces.

Stable & Resilient - The CPR system 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.

Contractor Friendly - The CPR Seam Sealers are formulated for easy application allowing these products to conform better to irregular surfaces greatly reducing the application time for the contractor.

SURFACE PREPARATION

All surfaces to be coated must be clean, dry and free from dust, dirt and all foreign matter. The substrate must be moisture free. On previously coated surfaces, the old coating must have firm adhesion to the substrate and be unaffected by the new coating. Unless these conditions are met, the old coating must be removed. Tests should also be done on a bleed through as in the case of bituminous roofing.

APPLICATION

CPR Seam Sealer BG - All cracks and seams more than 1/64" wide and less than 1/8" wide must be filled and sealed with CPR Seam Sealer BG.

Apply at a minimum of 0.67 gal/100 sq. ft. in one coat to provide full protection to the surface.

For long-lasting protection, Grip Polyester Soft can be incorporated with the coating or when applicable may be utilized as a reinforcement and underlayment to the CPR Seam Sealer BG. CPR Seam Sealer BG may be applied with a paint brush or heavy nap roller. The coating should be allowed to dry 24 hours before overcoating with CPR Coating.

CPR Seam Sealer TG - Openings and joints wider than 1/8" wide should be covered with Grip Polyester Soft before using CPR Seam Sealer TG.

Apply at 1 gal./14 ln. ft. at 8" wide pass at 1/4" thick.

CPR Seam Sealer TG is typically applied by trowel or caulking gun. It is applied as easy as any plastic cement, but cures after application to provide a monolithic rubber-like seal. The coating should be allowed to dry 24 hours before overcoating with CPR Coating.

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 12 hours
- Do not allow the product to freeze
- Storage temperatures should be between 60-80°F (15.6-26.7°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

CPR™ SEAM SEALERS

CPR Seam Sealer BG | CPR Seam Sealer TG Technical Data Sheet



Technical Data	CPR Seam Sealer BG	CPR Seam Sealer TG	Eco-Facts	BG	TG
Flash Point (ASTM D 93)	105°F (40.6°C)	105°F (40.6°C)	VOC	<420 g/L	<300 g/L
Viscosity (ASTM D 2196)	70,000 cP	720,000 cP			
Non-Volatile (ASTM D 1644)	75%	60%			
Density @ 77°F (25°C) (ASTM D 1475)	9.12 lbs./gal. (1.09 kg/L)	8.9 lbs./gal. (1.06 kg/L)			
Dry Time @ 70° F (21.1°C)/50% RH					
To Touch	2-3 hours	24 hours			
Throughout	3 days	4 days			
Elongation (ASTM D 412)	200% min.	400% min.			
Tensile Strength (ASTM D 412)	200 psi	600 psi			
Water Vapor Permeability (ASTM E 96)	0.2 perms	0.15 perms			
Shelf Life	12 months	12 months			
Coverage	0.67 gal./sq. (0.27 l/m ²)	1 gal./14 ln. ft. @ 8" wide x 1/4" thick			
Color	Gray	Gray			
Packaging	5 gallon pail (18.9 l)	5 gallon pail (18.9 l)			

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

Please refer to the product information, Material Safety Data Sheet, and labeling for the potential risks and benefits. Exposure to this product may cause skin and respiratory tract irritation; prolonged skin exposure may result in skin cancer; inhalation of vapors may cause central nervous system effects and long term exposure has been associated with kidney, bladder, scrotum and lung cancer.



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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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