CPR™ SEAM SEALERS

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

OVERVIEW & FEATURES

CPR Seam Sealer is a high-performance, synthetic liquid rubber mastic available in both brush-grade (BG) and trowel-grade (TG) formulations. Specifically engineered for use on metal roofs, vertical walls, gutters, expansion joints, and other problem areas, CPR Seam Sealer is designed to provide long-term protection and flexibility in demanding environments.

This versatile sealer easily conforms to sloped or contoured surfaces and cures to form a seamless, rubber-like membrane with high tensile strength and excellent elongation and recovery properties. For areas subject to significant movement, CPR Seam Sealer GB or TG may be reinforced with Grip PolyesterTM Soft to enhance performance and longevity.

Exceptional Durability - CPR Seam Sealer resists UV radiation, ozone, and weathering, providing long-term protection without cracking or degrading - even under harsh environmental conditions.

Versatile Application - Ideal for irregular, sloped, or vertical surfaces, CPR Seam Sealer easily conforms to complex shapes, making it suitable for a wide range of roof and wall applications.

Flexible & Resilient - Forms a seamless, elastic membrane that expands and contracts with the substrate, preventing splits or cracks in areas with frequent thermal movement.

Installer-Friendly - Available in brush and trowel grades, CPR Seam Sealer applies smoothly, adheres well with minimal prep, and reduces labor time.

SURFACE PREPARATION

All surfaces must be clean, dry, and free of dust, dirt, oil, moisture, and other contaminants prior to application. Substrates must be completely moisture-free to ensure proper adhesion.

For previously coated surfaces, existing coatings must be firmly bonded and compatible with the new application. If adhesion is questionable or the coating is not chemically stable with the new product, the old coating must be removed.

Compatibility testing is recommended, particularly over bituminous substrates, to evaluate potential bleed-through or staining.

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 enhanced durability and long-term protection, Grip Polyester Soft may be embedded into CPR Seam Sealer BG as a reinforcement or underlayment where needed.

CPR Seam Sealer BG can be applied using a brush or a heavy nap roller. Allow the mastic to dry for a minimum of 24 hours before applying 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

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since 1895

Technical Data	CPR Seam Sealer BG	CPR Seam Sealer TG
Flash Point (ASTM D 93)	105˚F (40.6˚C)	105˚F (40.6˚C)
Viscosity (ASTM D 2196)	5,000 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** **Throughout**	 2-3 hours 3 days	 24 hours 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/m2)	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.

Eco-Facts	BG	TG
VOC	< 420 g/L	< 300 g/L

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.

MIAMI-DADE COUNTY APPROVED

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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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