



One-Part Pourable Sealer

is a single-component, moisture-curing, elastomeric polyether sealant that is compatible with Carlisle's EPDM membranes. The material is designed to provide a flexible, durable and long-lasting seal around hard-to-flash penetrations in Carlisle's EPDM roofing systems. One-Part Pourable Sealer provides rapid skin time when exposed to atmospheric moisture forming a waterproof rubber surface in less than one (1) hour. Moisture curing continues, until a 2" deep solid rubber seal encases the penetration. Complete cure time will vary depending on relative humidity and temperature.

The sealant's one-part, pourable consistency allows for quick pocket filling without mixing. Unused sealant remaining in a pouch will remain useable up to 30 days if pouch is resealed with original cap.

Typical Properties and Characteristics	
Color	Black or White
Specific Gravity	1.14 (11.6 lbs./gallon), 1.5 (12.5 lbs./gallon)
Average Brookfield Viscosity	Self leveling 20,000-50,000
Odor	Mild ester smell when wet, Odorless when dry
Elongation @ break, % ASTM D0412 (7 day ambient cure)	450
Hardness, (Shore A) ASTM C0661	25-35
Tack Free Time ASTM C0679 @ 70°F	Less than 1 hour
Low Temperature flex PASS	-20°F
Shrinkage (14-day cure)	No measurable shrinkage
Service Temperature ASTM 2453	-40°F to 200°F
Long-Term Weatherability ASTM G53 98 cycles @ 12 hours/cycle condensate exposure- 4 hrs @ 50°C UV exposure- 8 hrs @ 70°C	No crazing or cracking
Packaging	4-1/2 gallon (4-2 liter) pouches
Average Net Weight per Carton	29 lbs./bucket
Shelf Life	1 year, unopened container



Sure-Seal Pourable Sealer

is a two-component, solvent-free, polyurethane-based product compatible with Carlisle's EPDM membranes. It provides flexible, durable and long-lasting seals around hard-to-flash penetrations. Pourable Sealer can also be used as a permanent tie-in between membranes and built-up roof surfaces and for attaching lightning rod bases and ground cable clips to the membrane surface.

Typical Properties and Characteristics	
Color	Black
Solids	100%
Flash Point	Part A 490°F (254°C), Part B 350°F (177°C)
Tensile Strength	210 psi.
Specific Gravity	1.23
Hardness (Shore A)	30
Elongation	280%
Low Temperature Brittleness	-50°F (-46°C)
VOC	Part A less than 15 grams/liter Part B less than 10 grams
Packaging	Part A 2-1 gallon pails Part B 2-1 pint cans
Pot Life	30 minutes @ 75°F
Shelf Life	1 year, unopened container

Sure-Seal® 90-8-30A Bonding Adhesive

is a high-strength, solvent-based contact adhesive that allows quick bonding of cured flashings and membranes to various substrates. This adhesive is specially formulated for application with a 1/2" (13 mm) medium nap roller. This Bonding Adhesive is designed for bonding Carlisle EPDM membrane to various substrates.



Typical Properties and Characteristics	
Base	Synthetic Rubber
Color	Yellow
Solids	20%
Flash Point	-4°F (-20°C) Closed Cup
Average Brookfield Viscosity	3000 Centipoise
VOC	660 grams/liter
Average Net Weight	7.10 lbs./gal (.85 Kg/L)
Packaging	5 gallon pail
Shelf Life	1 year

Aqua Base 120

is a unique, semi-pressure-sensitive, water-based bonding adhesive for FleeceBACK® and EPDM membranes offering superior peel strengths without VOCs or strong odors.



Aqua Base is installed using a one-sided wet lay in application for FleeceBACK membranes. Aqua Base 120 can also be utilized as a contact adhesive for EPDM membranes. Coverage rate is 100 sq. ft. (9 sq meters) per gallon and it is packaged in 5-gallon pails.

Typical Properties and Characteristics	
Base	Acrylic
Color	White (translucent when dry)
Solids	44%
Flash Point	None
Average Brookfield Viscosity	16,000 Centipoise
VOC	7 gpl less water
Average Net Weight	8.8 lbs./gal (1.05 Kg/L)
Packaging	5- gallon pail
Shelf Life	1 year

Low-VOC Bonding Adhesive

is a high-strength solvent-based contact adhesive that allows bonding of Carlisle EPDM membrane to various porous and non-porous substrates. It is specially formulated using a blend of VOC-exempt and non-exempt solvents that are ideal for use where environmental issues are a concern.



Typical Properties and Characteristics	
Base	Synthetic Rubber
Color	Yellow
Solids	20.3%
Flash Point	0°F (-17°C) Closed Cup
Average Brookfield Viscosity	3700 Centipoise
VOC	250 grams/liter max.
Average Net Weight	9.4 lbs./gal (1.13 Kg/L)
Packaging	5-gallon pail
Shelf Life	1 year

Weathered Membrane Cleaner

is used to clean in-service EPDM membrane that has been exposed to the weather. It helps to loosen and remove dirt and other contaminants from the surface of the EPDM membrane and leaves a suitable surface for seaming and the subsequent application of Carlisle Primer.



Typical Properties and Characteristics	
Color	Clear
Solids	0%
Flash Point	65°F (18°C)
Boiling Point	260°F (127°C)
Packaging	5 (18.9 liters) gallon closed top pail 2 x 1 (3.8 liters) gallon closed top pail
VOC	755 grams/liter



HP-250 Primer

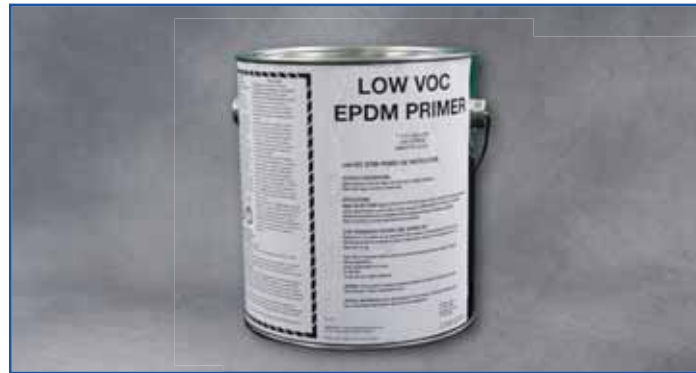
is a solvent-based product designed for one-step cleaning and priming of EPDM surfaces prior to the application of FAT, SecurTAPE and all other pressure-sensitive products. HP-250 can also be used with EP-95 Splicing Cement.

Typical Properties and Characteristics	
Base	Synthetic Rubber
Color	Olive Drab to Dark Gray
Solids	18%
Flash Point	40°F (4.4°C)
VOC	727 grams/liter
Average Net Weight	7.4 lbs./gal (.9 Kg/L)
Packaging	1-gallon (3.8 liters) can or 2.5-gallon (9.5 liter) pail
Shelf Life	9 months

Sure-Seal and Sure-White Lap Sealants

are heavy-bodied trowel- or gun- consistency materials used in conjunction with roofing system materials. Their primary use is to seal the exposed edges of EPDM membrane splices. Lap Sealants are extremely durable. The cured rubber consistency enables it to expand and contract with the membrane.

Lap Sealant is used to seal splice edges of cured EPDM membrane and uncured EPDM Elastoform Flashing.



Low-VOC EPDM Primer

is a solvent-based product designed for one-step cleaning and priming of EPDM surfaces prior to the application of FAT, SecurTAPE™ and all other pressure-sensitive products. Low- VOC EPDM Primer can also be used with EP-95 Splicing Cement. It is a Low-VOC product that is ideal for use where environmental issues are a concern.

Typical Properties and Characteristics	
Base	Synthetic Rubber
Color	Olive Drab to Dark Gray
Solids	10-15%
Flash Point	40°F (4.4°C)
VOC	Less than 250 grams/liter
Packaging	1-gallon (3.8 liters) cans
Shelf Life	9 months
Average Weight	9.8 lbs./gallon (1.2 kg/liter)

Typical Properties and Characteristics	
Color	Sure-Seal (Black), Sure-White (White)
Solids	Sure-Seal 63%, Sure-White 55%
Flash Point	Sure-Seal-40°F (4°C) Tag Open Cup, Sure-White 52°F (11°C) Closed Cup
Service Temperature	-60°F to 180°F (-51°C to 82°C)
Specific Gravity	Sure-Seal 1.03, Sure-White 1.16
Cold Weather Flex	Excellent
Resistance to:	
Staining	Excellent
General Weathering	Excellent
Ozone	Excellent
Ultraviolet Radiation	Excellent
Slump	Very Good
Water	Excellent
Acid	Good
Alkali	Good
VOC	Sure-Seal 395 grams/liter, Sure-White 448 grams/liter
Average Net Weight per gallon	Sure-Seal 8.58 lbs. (1.03 Kg/L), Sure-White 9.94 lbs. (1.19 Kg/L)
Packaging	25 tubes/carton, 5-gallon pails
Shelf Life	1 year

Sure-Seal In-Seam Sealant™ 1124

is a one-part, gun-consistency material used as an internal waterproof seal for cured-to-cured membrane splices. In-Seam Sealant is a component of Carlisle's patented SecureSeam® technology.



Typical Properties and Characteristics	
Color	Natural
Solids	78%
Flash Point	40°F (4°C) Closed Cup
Service Temperature	-40°F to 200°F (-40°C to 93°C)
Specific Gravity	1.13
Cold Weather Flex	Excellent
Average Brookfield Viscosity	699,000 cps
VOC	230-255 grams/liter
Packaging	10 tubes/carton
Resistance to Staining, Slump, Water, Acid, Alkali	All Excellent
Average Net Weight	9.5 lbs. (1.14 Kg/L)
Shelf Life	1 year

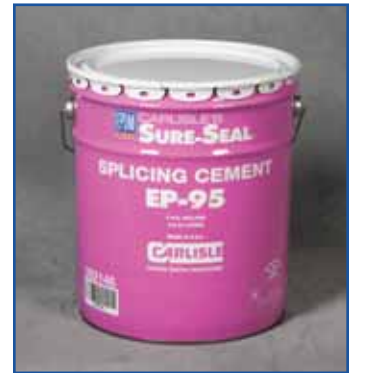
Sure-Seal Water Cut-Off Mastic

is a one-component, low-viscosity, self-wetting butyl blend mastic used with roofing and waterproofing systems and also when the membrane is being terminated using a compression-type seal.



Sure-Seal and Sure-White Splicing Cements

are high-strength, solvent-based contact cements that are used to provide high-performance seams for EPDM membranes and flashings. They are specially formulated for applications with a 1/2" (13mm) medium nap roller and/or a 1/2"-thick paintbrush. Sure-Seal/Sure-White Splicing Cements are designed for splicing cured-to-cured EPDM and for splicing together EPDM Elastoform Flashing.



Typical Properties and Characteristics	
Base	Synthetic Rubber
Color	Sure-Seal (Black), Sure-White (White)
Solids	Sure-Seal 30%, Sure-White 28%
Flash Point	8°F (-13°C) Closed Cup
Average Brookfield Viscosity	Sure-Seal 3800 Centipoise, Sure-White 3500 Centipoise
VOC	Sure-Seal 605 grams/liter, Sure-White 637 grams/liter
Average Net Weight	Sure-Seal 7.4 lbs./gal (.89 Kg/liter), Sure-White 7.5 lbs./gal (.9 Kg/liter)
Packaging	Sure-Seal 6-1-gallon cans and 5 gallon pails, Sure-White 6-1-gallon cans
Shelf Life	Sure-Seal 1 year, Sure-White 9 months

Typical Properties and Characteristics	
Color	Gray
Solids	80%
Flash Point	40°F (4°C) Closed Cup
Service Temperature	-40°F to 200°F (-40°C to 93°C)
Specific Gravity	1.29
Cold Weather Flex	Excellent
Average Brookfield Viscosity	1,320,000 cps
VOC	250 grams/liter
Packaging	10 tubes/carton, 5-gallon pails
Clean up	Weathered Membrane Cleaner
Average Net Weight	10.7 lbs. (1.28 Kg/L)
Shelf Life	1 year, unopened container