

Adhesives & Sealants

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 ½-gallon (4 2-liter) pouches
Average Net Weight per Carton	29 lbs./bucket (13 kg)
Shelf Life	1 year, unopened container
VOC Content	0 grams/liter

Sure-Seal Two-Part 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 Content	Part A less than 15 grams/liter Part B less than 10 grams
Packaging	Part A (2) 1 gallon pails (3.8 L) Part B (2) 1 pint cans (0.47 L)
Pot Life	30 minutes @ 75°F
Shelf Life	1 year, unopened container

Adhesives & Sealants

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 ½" (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 Content	660 grams/liter
Average Net Weight	7.10 lbs./gal (.85 Kg/L)
Packaging	5-gallon pail (18.9 L)
Shelf Life	1 year

Low-VOC EPDM and TPO 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 Primer can also be used with EP-95 Splicing Cement. It is a Low-VOC product that is ideal for use in regulated areas.



Typical Properties and Characteristics	
Base	Synthetic Rubber
Color	Olive Drab
Solids	9%
Flash Point	40°F (4.4°C)
VOC Content	< 250 grams/liter
Average Net Weight	7.4 lbs./gal (.9 Kg/L)
Packaging	(6) 1-gallon (3.8 L) cans per carton
Shelf Life	12 months
Average Weight	9.55 lbs./gallon (1.2 kg/liter)

X-23 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 in regulated areas.



Must be stirred prior to use.

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 Content	< 250 grams/liter
Average Net Weight	9.4 lbs./gal (1.13 Kg/L)
Packaging	5-gallon pail (18.9 L)
Shelf Life	1 year

Solvent-Free EPDM Bonding Adhesive

is a high-strength, low-odor, polymer-based adhesive that allows fast installation of EPDM membranes to various substrates. This adhesive is specially designed for installing Carlisle's EPDM membranes. Check the Product Data Sheet for approved substrates.



Typical Properties and Characteristics	
Base	Polyether
Color	Green
Solids	100%
Flash Point	Not Applicable
Average Brookfield Viscosity	7,000 cP
VOC Content	< 57 g/L
Average Net Weight	8.2 lbs./gal
Packaging	5-gallon pails (18.9 L)
Shelf Life	6 months

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 Content	714 grams/liter
Average Net Weight	7.4 lbs./gal (.9 Kg/L)
Packaging	(6) 1-gallon (3.8 L) cans per carton
Shelf Life	12 months

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) 1 (3.8 liters) gallon closed top pails
VOC Content	755 grams/liter
Average Net Weight	5 gal can - 35 lbs. (15.9 kg) 1 gal can - 7 lbs. (3.2 kg)

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 Content	8 gpl less water
Average Net Weight	8.8 lbs./gal (1.05 Kg/L)
Packaging	5-gallon pail (18.9 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.



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) 1 (3.8 liters) gallon closed top pails
VOC Content	755 grams/liter
Average Net Weight	5 gal can - 35 lbs. (15.9 kg) 1 gal can - 7 lbs. (3.2 kg)

Adhesives & Sealants

Sure-Seal® and Sure-White® Lap Sealants

are heavy-bodied gun-consistency materials used in conjunction with roofing system materials. Their primary use is to seal the exposed edges of EPDM membrane and uncured flashing splices. 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.

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 Content	Sure-Seal 395 grams/liter Sure-White 448 grams/liter
Average Net Weight per carton	23 lbs. (10.4 Kg)
Packaging	25 tubes/carton
Shelf Life	1 year

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 ½" (13 mm) medium nap roller and/or a ½"-thick paintbrush. Sure-Seal/Sure-White Splicing Cements are designed for splicing cured-to-cured EPDM membrane.



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 Content	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	(6) 1-gallon (3.8 L) cans per carton
Shelf Life	Sure-Seal 1 year Sure-White 9 months

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.