

# EPDM ADHESIVES & SEALANTS

## One-Part Pourable Sealer

is a single-component, moisture-curing, elastomeric polyether sealant that is compatible with Versico's VersiGard® EPDM membranes. The material is designed to provide a flexible, durable and long-lasting seal around hard-to-flash penetrations in Versico's VersiGard 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	4½-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

## G400PS-2 Pourable Sealer

is a two-component, solvent-free, polyurethane-based product compatible with Versico's VersiGard 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

## G200SA Yellow Substrate 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 adhesive is designed for bonding Versico's VersiGard 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

## X-23 Low-VOC Bonding Adhesive

is a high-strength solvent-based contact adhesive that allows bonding of Versico's VersiGard 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

## 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 Quick-Applied (QA) or Pressure-Sensitive (PS) products. Low-VOC Primer can also be used with Splice Adhesive. 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)

## Solvent-Free EPDM Bonding Adhesive

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

## V-150 Primer

is a solvent-based product designed for one-step cleaning and priming of EPDM surfaces prior to the application of Quick-Applied (QA) Seam Tape and all other QA or Peel & Stick (P&S) products. V-150 can also be used with Splice Adhesive.



### 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 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 Bonding Adhesive

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



Aqua Base is installed using a one-sided wet lay in application for VersiFleece TPO membranes. Aqua Base 120 can also be utilized as a contact adhesive for VersiGard 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

## G-500 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)

## G300LS Black and 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 Flashing.

TYPICAL PROPERTIES AND CHARACTERISTICS	
Color	Black or White
Solids	Black 63%, White 55%
Flash Point	Black-40°F (4°C) Tag Open Cup, White 52°F (11°C) Closed Cup
Service Temperature	-60°F to 180°F (-51°C to 82°C)
Specific Gravity	Black 1.03, 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	Black 395 grams/liter White 448 grams/liter
Average Net Weight per carton	23 lbs. (10.4 Kg)
Packaging	25 tubes/carton
Shelf Life	1 year

## Black Splice Adhesive and G100SA White Splicing Cement

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.



Versico's Splice Adhesives are designed for splicing cured-to-cured EPDM membrane.

TYPICAL PROPERTIES AND CHARACTERISTICS	
Base	Synthetic Rubber
Color	Black Splice Adhesive, G100SA White Splicing Cement
Solids	Black Splice Adhesive 30%, G100SA White Splicing Cement 28%
Flash Point	8°F (-13°C) Closed Cup
Average Brookfield Viscosity	Black Splice Adhesive 3800 Centipoise G100SA White Splicing Cement 3500 Centipoise
VOC Content	Black Splice Adhesive 605 grams/liter G100SA White Splicing Cement 637 grams/liter
Average Net Weight	Black Splice Adhesive 7.4 lbs./gal (.89 Kg/liter) G100SA White Splicing Cement 7.5 lbs./gal (.9 Kg/liter)
Packaging	(6) 1-gallon (3.8 L) cans per carton
Shelf Life	Black Splice Adhesive 1 year G100SA White Splicing Cement 9 months