Roof & Wall Coatings Products Catalog

American WeatherStar

Products Cross Reference Chart

www.AmericanWeatherStar.com

Product	Description	Suitable Surfaces	Suitable for Ponding Areas
Aluminum Based Products			
Fibered Aluminum Coating 110	Formulated using quality-oxidized asphalt, fine grade leafing aluminum pigment with polyethylene fibers. Formulated to provide excellent suspension and maximum reflectivity.	Metal, Modified Bitumen, and BUR	NO
Acrylic System Products			
Acrylic 210	A 100% acrylic elastomeric coating for all types of roof substrates. It contains rust inhibitors and algaecides which make it ideal for application over most types of roofs.	Metal, Modified Bitumen, Single-Ply, Polyurethane Foam, Smooth Surface and Granulated BUR	NO
Acrylic 211	A 100% acrylic elastomeric coating for all types of roof substrates. Contains rust inhibitors and algaecides which make it ideal for application over most types of roofs including substrates in extremely cold conditions. Unique among elastomerics in that its elongation and tensile strength both increase at lower temperatures.	Metal, Modified Bitumen, Single-Ply, Polyurethane Foam, Smooth Surface and Granulated BUR	NO
Ceramic Acrylic 212	A 100% acrylic ceramic elastomeric coating for all types of roof substrates. Contains ceramic micro-spheres which offer superior radiant barrier protection and algaecides which makes it ideal for application over most types of roofs.	Metal, Modified Bitumen, Single-Ply, Polyurethane Foam, Smooth Surface and Granulated BUR	NO
Brush-Grade 220	A 100% acrylic elastomeric caulk used to bridge gaps in flashing, seams, fasteners and penetrations.	Metal, Modified Bitumen, Single-Ply, Polyurethane Foam, Smooth Surface and Granulated BUR	NO
Butter-Grade 221	A 100% acrylic elastomeric caulk used to bridge gaps in flashing, seams, fasteners and penetrations. Whipped and thicker than Brush Grade 220.	Metal, Modified Bitumen, Single-Ply, Polyurethane Foam, Smooth Surface and Granulated BUR	NO
Acrylic Clear Gloss 230	An elastomeric coating is to be used as a skylight sealer to stop the degradation of the skylights.	Skylights	NA
Solvent Based Products			
Butyl Coating 310	A butyl rubber elastomeric coating designed for the protection of most roofing substrates. Formulation incorporates elastomeric butyl rubber and selected additives. Once cured, this spray-applied polymer provides a durable, seamless, flexible waterproof membrane that resists cracking and allows for the normal expansion and contraction that may take place within the surface of the structure. Provides excellent UV protection and superb resistance to any moisture penetration.	Metal, Modified Bitumen, Single-Ply, Smooth Surface and Granulated BUR	Yes—at appropriate thickness
Butyl Brush Grade 320	A single component brush-able grade seam sealer specially formulated to provide a waterproof, weather resistant membrane with excellent permeability and ultra-violet protection. Offers good elongation and tensile strength to resist lateral movement and allow for expansion and contraction of the substrate. Specifically formulated to be a less viscous than the Butyl Flashing Grade 321.	Metal, Modified Bitumen, Single-Ply, Smooth Surface and Granulated BUR	Yes—at appropriate thickness
Butyl Flashing Grade 321	A single component vapor barrier elastomer seam sealer specially formulated to provide a waterproof, weather resistant membrane with excellent permeability and ultra-violet protection. Offers good elongation and tensile strength to resist lateral movement and allows for expansion and contraction of the substrate.	Metal, Modified Bitumen, Single-Ply, Smooth Surface and Granulated BUR	Yes—at appropriate thickness
Silicone 410	A single component, elastomeric air-dry silicone rubber coating designed for top coating many types of roof substrates.	Polyurethane Foam, Single-Ply, and AWS Fabric Systems	NO
Silicone 412	A single component 95% solids elastomeric waterproofing moisture curing silicone coating.	Polyurethane Foam, Single-Ply, and AWS Fabric Systems	NO

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Products Cross Reference Chart

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Product	Description	Suitable Surfaces	Suitable for Ponding Areas
Solvent Based Products *(Continued…)*			
Aromatic Urethane 520	A technologically advanced, high solids, single component, moisture-cure polyurethane elastomer coating. Once cured this liquid applied moisture-curing polymer provides a durable, seamless, flexible, waterproof membrane that resists lateral movement, shear and will allow for normal expansion and contraction.	Polyurethane Foam, Single-Ply, Concrete, Modified Bitumen, Smooth Surface and Granulated BUR Gutters, and AWS Fabric Systems	Yes—at appropriate thickness
Fast Set Urethane 530	A low viscosity, fast curing, two-component polyurethane elastomer.	Metal, Polyurethane Foam, Modified Bitumen, Smooth and Granulated BUR	Yes—at appropriate thickness
Polyurea 540	A100% solids, plural component, fast set elastomeric coating uniquely formulated for the protection of sprayed-in-place polyurethane foam insulation and traditional roofing substrates.	Metal, Polyurethane Foam, Concrete, Modified Bitumen, BUR	Yes—at appropriate thickness
Primers			
Acrylic Bonding Primer 905	A durable water-based primer suitable for priming most roofing substrates before applying the appropriate topcoat. Not meant to be a rust primer, use Rust Prime 910 or 912 for any rusted surfaces.	Metal, Modified Bitumen, Smooth Surface and Granulated BUR	NA
Rust Prime 910	A durable gray rust primer for metal-rusted surfaces. Also acts as an intermediate coat between difficult to adhere substrates and topcoats.	Metal, Modified Bitumen, Smooth Surface and Granulated BUR	NA
Rust Prime 912	A high quality corrosion resistant acrylic red oxide primer. Specifically developed to not only adhere to difficult metal substrates, but to also give good flash rust and corrosion resistance over carbon steel. Achieves this through its ability to inhibit the oxidizing of the substrate.	Metal	NA
Etching Primer 920	A single component, rinse-able detergent solution specifically designed for EPDM cleaning and can also be used for other single-ply membranes.	Single-Ply - EPDM	NA
Fabric Bond 930	Designed to be a bonding agent to secure polyester fabric to roof surfaces. Can also be used as a primer on most roofing substrates to ensure adhesion.	Metal, Modified Bitumen, Single-Ply, Polyurethane Foam, Smooth Surface and Granulated BUR	NA
Neoprene Primer 940	A spray grade contact cement/rust inhibiting primer with a flammable solvent vehicle designed as a tie coat for dusty or porous surfaces to improve adhesion to a variety of substrates.	Metal, Concrete	NA
Wall Coating Products			
Acrylic Wall Coat 2000	An acrylic wall coating, flat in finish, that provides excellent flexibility, durability, and weather resistance.	Masonry, Concrete, Block, and Stucco	NA
Ceramic Wall Coat 2100	A 100% acrylic wall coating, satin in finish, and that provides excellent flexibility, durability, and weather resistance.	Wood, Precast or Poured in Place Concrete, Block, and Stucco	NA
DTM 3000	An acrylic enamel for use an interior/exterior 100% acrylic high gloss enamel. It is extremely durable, corrosion and chemical resistant, suitable for commercial, industrial, and residential use.	Metal	NA
DTM Primer 3100	An acrylic primer for metal surfaces designed to enhance adhesion qualities of the AWS DTM 3000. Also acts as a rust inhibitor for metal wall surfaces.	Metal	NA
Acrylic Clear Primer 9000	Designed to be a bonding primer for the American WeatherStar wall coating system.	Masonry, Concrete, Block, and Stucco	NA

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Roof Surface / Coatings Cross Reference Chart

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Roof Surface	Primers	Coverage Rate	Base Coat	Coverage Rate	Top Coat	Coverage Rate
Metal	Rust Prime 910 or Rust Prime 912	100-200 sq. ft. per gallon	Acrylic 210, Acrylic 211, Acrylic 212	1 gallon per 100 sq. ft.	Acrylic 210, Acrylic 211, Acrylic 212	1 gallon per 100 sq. ft.
	910 or 912	100-200 sq. ft. per gallon	Butyl 310	1 gallon per 100 sq. ft.	Butyl 310	1 gallon per 100 sq. ft.
		Depends on rust severity.				
Granulated Modified Bitumen/Cap Sheet	Bonding primer 905 or Fabric Bond 930	100 sq. ft. per gallon	Acrylic 210, Acrylic 211, Acrylic 212	1.5 gallons per 100 sq. ft.	Acrylic 210, Acrylic 211, Acrylic 212	1.5 gallons per 100 sq. ft.
	905 or 930	100 sq ft. per gallon	Butyl 310	1.5 gallons per 100 sq. ft.	Butyl 310	1.5 gallons per 100 sq. ft.
			Urethane 520	1.5 gallons per 100 sq. ft.	Silicone 410 or Urethane 520	1.5 gallons per 100 sq. ft.
Smooth Modified Bitumen	Bonding primer 905 or Fabric Bond 930	100 sq. ft. per gallon	Acrylic 210, Acrylic 211, Acrylic 212	1.5 gallons per 100 sq. ft.	Acrylic 210, Acrylic 211, Acrylic 212	1.5 gallons per 100 sq. ft.
	905 or 930	100 sq. ft. per gallon	Butyl 310	1.5 gallons per 100 sq. ft.	Butyl 310	1.5 gallons per 100 sq. ft.
			Urethane 520	1.5 gallons per 100 sq. ft.	Silicone 410 or Urethane 520	1.5 gallons per 100 sq. ft.
Smooth BUR	Bonding primer 905 or Fabric Bond 930	100 sq. ft. per gallon	Acrylic 210, Acrylic 211, Acrylic 212	1.5 gallons per 100 sq. ft.	Acrylic 210, Acrylic 211, Acrylic 212	1.5 gallons per 100 sq. ft.
	905 or 930	100 sq. ft. per gallon	Butyl 310	1.5 gallons per 100 sq. ft.	Butyl 310	1.5 gallons per 100 sq. ft.
			Urethane 520	1.5 gallons per 100 sq. ft.	Silicone 410 or Urethane 520	1.5 gallons per 100 sq. ft.
Single-Ply **• EPDM** **• PVC** **• Hypalon** **• TPO**	Etching Rinse 920	300 sq. ft. per gallon	Acrylic 210, Acrylic 211, Acrylic 212	1.5 gallons per 100 sq. ft.	Acrylic 210, Acrylic 211, Acrylic 212	1.5 gallons per 100 sq. ft.
	Fabric Bond 930	200 sq ft per gallon				
			Silicone 410	1.25 gallons per 100 sq. ft.	Silicone 410	1.25 gallons per 100 sq. ft.
			Urethane 520	1.25 gallons per 100 sq. ft.	Silicone 410 or Urethane 520	1.25 gallons per 100 sq. ft.
	Field adhesion test required.					
Concrete	Fabric Bond 930 or Neoprene 940	100 sq. ft. per gallon	Urethane 520	1.5 gallons per 100 sq. ft.	Urethane 520	1.5 gallons per 100 sq. ft.
Spray Polyurethane Foam			Acrylic 210, Acrylic 211, Acrylic 212	1.5 gallons per 100 sq. ft.	Acrylic 210, Acrylic 211, Acrylic 212	1.5 gallons per 100 sq. ft.
			Silicone 410	1.25 gallons per 100 sq. ft.	Silicone 410	1.25 gallons per 100 sq. ft.
			Urethane 520	1.25 gallons per 100 sq. ft.	Urethane 520	1.25 gallons per 100 sq. ft.
SPF Recoat	Please see application specs as primer and top coat depend on type and condition of existing coating.					

PLEASE REFER TO APPLICATION SPECIFICATIONS FOR ANY WATERPROOFING DETAILS.

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AWSC PDS

Product Data Sheets

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PRODUCT DATA SHEET
Fibered Aluminum Coating 110

DESCRIPTION

AWS Fibered Aluminum Coating 110 is formulated using quality-oxidized asphalt, fine grade leafing aluminum pigment with polyethylene fibers. Fibered Aluminum 110 is formulated to provide excellent suspension and maximum reflectivity. The superior U.V. resistance of AWS Fibered Aluminum Coating 110 gives an extremely durable roof coating. Meets ASTM2824.

ADVANTAGES

- Reduces daily expansion and contraction (thermal cycling) of metal roofing.
- Contains strong rust inhibitive pigments.
- Reflects 60% of the heat and harmful UV rays of the sun.
- Excellent reflective properties which helps to reduce cooling costs. Prevents premature degradation.
- Excellent adhesion to various substrates.

BASIC USE

AWS Fibered Aluminum Roof Coating will provide a highly reflective weatherproofing barrier over metal, modified bitumen, and built up roofs. Other surfaces should be tested for adhesion before coating.

INSTALLATION

Surface must be power washed using a detergent to remove dirt, loose coating, excessive chalk, and other foreign matter, which will prevent proper adhesion. Prime rusted metal surfaces before coating. Surface must be dry prior to coating.

IMPORTANT: AWS Aluminum Roof Coating is designed for POSITIVE drainage. Areas that pond water need corrective measures to eliminate the ponding.

Apply with a soft brush, roller or airless spray. AWS Fibered Aluminum Roof Coating applied at 2.25 gallons (36 wet mils) per square, provides a 16 mil dry film coating. This product requires mixing before and during application to insure uniformity of the coating. DO NOT THIN.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

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PRODUCT DATA SHEET
Fibered Aluminum Coating 110

TECHNICAL DATA

Vehicle Base:	Asphalt
Weight per Gallon:	9.2 lbs
Solids by Weight (ASTM 2369):	62 ± 2%
Solids by Volume:	45% ± 2%
Aluminum Paste Content:	15%
Viscosity @ 77°F:	120 ± 5KU
1000 Hrs. Accelerated Weathering:	No Cracking or Checking
Dry Film Thickness:	7.2 mils (@1 gal./100 sq. ft. less surface absorption)
Reflectivity:	63%
Therm. Emit:	45%
VOC:	<425g/l
Specific Gravity:	1.11
Flash Point:	105°F
Solvent:	Mineral Spirits
Clean Up:	Mineral Spirits
Coverage: **Smooth Metal:** **Built-Up:** **Smooth Mod. Bit:**	 2.0 gallons per 100 sq. ft.* 2.5 gallons per 100 sq. ft.* 2.25 gallons per 100 sq. ft.*
**Note:* *Coverage may vary depending on the actual condition of the surface. The coverage rates shown are intended as minimum application recommendations. Over corrugated and irregular surfaces, allow for additional surface area by multiplying total square feet by 1.15*	

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PRODUCT DATA SHEET
Acrylic 210

DESCRIPTION

AWS Acrylic 210 is an advanced acrylic elastomeric coating that combines high solids emulsion polymers, and potent biocides to provide superior durability, reflectivity, weatherproofing, and mildew resistance.

ADVANTAGES

- Reduces daily expansion and contraction (thermal cycling) of roofing substrates.
- Reflects 80-90% of the heat and harmful UV rays of the sun.
- Excellent reflective properties which helps to reduce cooling costs. Prevents premature degradation.
- Contains a strong mildewcide / fungicide.
- Excellent adhesion to various substrates.
- Superior resistance to dirt pick-up, helps stay white longer and maintains reflectivity.
- Easy to use, easy clean up, non-toxic and VOC compliant water based coating.

BASIC USES

Acrylic 210 is a 100% acrylic elastomeric coating for all types of roofs including metal, modified bitumen, single ply, and polyurethane foam. It contains rust inhibitors, and algaecides, which makes it ideal for application over most types of roofs.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Acrylic 210 is ready to use. Thinning is not required or recommended.

- Spray: Airless sprayer. 3000 p.s.i., 2 g.p.m. capacity with a #027-#031 tip.
- Brush: Good quality synthetic bristle brush.
- Roller: Long nap roller.

IMPORTANT: AWS Acrylic 210 is designed for POSITIVE drainage. Areas that pond water need corrective measures to eliminate the ponding.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

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PRODUCT DATA SHEET
Acrylic 210

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	White; standard and custom colors available.
Viscosity:	4500 ± CPS
Weight, lb./gal:	10.6 ± .2
Percent solids by Volume:	53% ± 2%
Percent Solids by Weight:	58% ± 2%
Flash Point:	NA
Hardness, Shore A:	45
Tensile Strength at Max Stress:	220 p.s.i.
% Elongation at Break:	200%
Permeability:	5 perms/inch. 20 mils thick coating
Coverage:	2.5 gallons per 100 sq.ft. yields 20 dry mils 3.5 gallons per 100 sq.ft. yields 30 dry mils
Recommended Coverage:	Depends on substrate: See application specifications for each surface.
Recoat Time:	12 – 24 hours
Packaging:	5 gallon buckets, 55 gallon drums
Energy Star Solar Reflectance:	Initial Solar Reflectance = .81 Solar Reflectance After 3 years = .64 Emissivity = .90

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PRODUCT DATA SHEET
Acrylic 211

DESCRIPTION

AWS Acrylic 211 is an advanced acrylic elastomeric coating that combines high solids emulsion polymers, and potent biocides to provide superior durability, reflectivity, weatherproofing, and mildew resistance. Acrylic 211 is unique among elastomerics in that its elongation and tensile strength both increase at lower temperatures.

ADVANTAGES

- Reduces daily expansion and contraction (thermal cycling) of roofing substrates.
- Reflects 80-90% of the heat and harmful UV rays of the sun.
- Excellent reflective properties which helps to reduce cooling costs. Prevents premature degradation.
- Contains a strong mildewcide / fungicide.
- Excellent adhesion to various substrates.
- Superior resistance to dirt pick-up, helps stay white longer and maintains reflectivity.
- Easy to use, easy clean up, non-toxic and VOC compliant water based coating.

BASIC USES

Acrylic 211 is a 100% acrylic elastomeric coating for all types of roofs including metal, modified bitumen, built up roofing, single ply, and polyurethane foam. It contains strong algaecides which makes it ideal for application over most types of roofs.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Acrylic 211 is ready to use. Thinning is not required or recommended.

- Spray: Airless sprayer. 3000 p.s.i., 2 g.p.m. capacity with a #027-#031 tip.
- Brush: Good quality synthetic bristle brush.
- Roller: Long nap roller.

IMPORTANT: AWS Acrylic 211 is designed for POSITIVE drainage. Areas that pond water need corrective measures to eliminate the ponds.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

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PRODUCT DATA SHEET
Acrylic 211

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	White; standard and custom colors available.
Viscosity:	4500 ± 500 CPS
Density, lb./gal:	12.00 ± .1
PH:	> 8
Percent solids by Volume:	58% ± 1% (ASTM D-2697)
Percent Solids by Weight:	66% ± 1% (ASTM D-1644)
Flash Point:	NA
Hardness, Shore A:	55-65 (ASTM D-2240)
Tensile Strength at Max Stress:	225 p.s.i. (ASTM D-2370)
% Elongation at Break:	225% (ASTM D-2370)
Permeability:	5.7 perms/inch. 20 mils thick coating (ASTM D-1653)
Coverage:	2.5 gallons per 100 sq.ft. yields 20 dry mils 3.5 gallons per 100 sq.ft. yields 30 dry mils
Recommended Coverage:	Depends on substrate: See application specifications for each surface.
Min. Surface Application Temp.:	45°F. Do not allow to freeze.
Recoat Time:	12 to 24 hours
Packaging:	5 gallon buckets, 55 gallon drums
Energy Star Solar Reflectance:	Initial Solar Reflectance = .85 Solar Reflectance After 3 years = .57 Emissivity = .89
ASTM D-6083 Conformance	This specification was developed to establish a threshold level of quality for acrylic roof coatings. It includes detailed procedures for conducting 13 separate test methods in order to ensure consistency of the values obtained. Acrylic 211 has been independently tested and certified to exceed ASTM D-6083 standards.

Code Approvals: Acrylic 211 is UL classified as a Class "A" Fluid Applied Coating System, and as a Class A, B or C Maintenance & Repair System as outlined in the UL Roofing Materials & Systems Directory and UL website.

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PRODUCT DATA SHEET
Ceramic Acrylic 212

DESCRIPTION

AWS Ceramic Acrylic 212 is an advanced acrylic elastomeric coating that combines high solids emulsion polymers, and potent biocides to provide superior durability, reflectivity, weatherproofing, and mildew resistance. Ceramic Acrylic 212 contains ceramic micro-spheres which offer superior radiant barrier protection.

ADVANTAGES

- Reduces daily expansion and contraction (thermal cycling) of roofing substrates.
- Reflects 80-90% of the heat and harmful UV rays of the sun.
- Excellent reflective properties which helps to reduce cooling costs. Prevents premature degradation.
- Contains a strong mildewcide / fungicide.
- Excellent adhesion to various substrates.
- Superior resistance to dirt pick-up,helps stay white longer and maintains reflectivity.
- Easy to use, easy clean up, non-toxic and VOC compliant water based coating.

BASIC USES

Ceramic Acrylic 212 is a 100% acrylic elastomeric coating for all types of roofs including metal, modified bitumen, built up roofing, single ply, and polyurethane foam. It contains strong algaecides which makes it ideal for application over most types of roofs.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Ceramic Acrylic 212 is ready to use. Thinning is not required or recommended.

- Spray: Airless sprayer. 3000 p.s.i., 2 g.p.m. capacity with a #027-#031 tip.
- Brush: Good quality synthetic bristle brush.
- Roller: Long nap roller.

IMPORTANT: AWS Ceramic Acrylic 212 is designed for POSITIVE drainage. Areas that pond water need corrective measures to eliminate the ponds.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

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PRODUCT DATA SHEET
Ceramic Acrylic 212

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	White; standard and custom colors available.
Viscosity:	4500 ± 500 CPS
Density, lb./gal:	12.00 ± .1
Percent solids by Volume:	55% ± 1%
Percent Solids by Weight:	63% ± 1%
Flash Point:	NA
Hardness, Shore A:	45
Tensile Strength at Max Stress:	400 p.s.i.
% Elongation at Break:	315%
Permeability:	5 perms/inch. 20 mils thick coating
Coverage:	2.5 gallons per 100 sq.ft. yields 20 dry mils 3.5 gallons per 100 sq.ft. yields 30 dry mils
Recommended Coverage:	Depends on substrate: See application specifications for each surface.
Recoat Time:	12 to 24 hours
Packaging:	5 gallon buckets, 55 gallon drums

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PRODUCT DATA SHEET
Brush-Grade 220

DESCRIPTION

Brush-Grade 220 is a water-based, high solids elastomeric sealant utilizing the latest advances in advanced acrylic technology. Brush-Grade 220 is manufactured from a unique acrylic resin specifically designed to provide increased tensile strength and elongation on problem roof areas.

ADVANTAGES

- Superior Protection - forms a durable, weather resistant "rubber-like" seal.
- Ideal for sealing holes, cracks and joints.
- Highly flexible.
- 100% acrylic elastomeric caulk, fully compatible with other WeatherStar elastomeric products.
- Superior adhesive and cohesive strength.
- Plasticizer-free caulk, will not dry-out or become brittle.
- Contains a strong mildewcide / fungicide.
- Easy to use, easy clean up, non-toxic and VOC compliant water based caulk.

BASIC USES

Brush-Grade 220 is ideally suited for sealing mechanical fasteners and vertical seams on metal roofs, as well as around flashings, drains and penetrations on most roof surfaces. It has excellent adhesion to asphaltic roofing, metal, concrete, wood, and polyurethane. Other surfaces should be checked for adhesion.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Brush-Grade 220 is ready to use. Thinning is not required or recommended. Apply with a good quality synthetic bristle brush.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

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PRODUCT DATA SHEET
Brush-Grade 220

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	White
Viscosity:	70,000 CPS ± 10,000
Density, lb./gal:	11.3 ± .2
Percent Solids by Weight:	60% ± 3%
Flash Point:	NA
Hardness, Shore A:	45
Tensile Strength at Max Stress:	500 p.s.i.
% Elongation at Break:	315%
Permeability:	5 perms/inch. 20 mils thick coating
Coverage:	1 gallon will cover 75 lineal feet, 4 inches wide
Recommended Coverage:	As needed.
Drying Time:	4-6 hours
Packaging:	5 gallon buckets

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PRODUCT DATA SHEET
Butter-Grade 221

DESCRIPTION

Butter-Grade 221 is a water-based, high solids elastomeric sealant utilizing the latest advances in advanced acrylic technology. Butter-Grade 221 is manufactured from a unique acrylic resin specifically designed to provide increased tensile strength and elongation on problem roof areas. Butter-Grade 221 is whipped and thicker than Brush-Grade 220.

ADVANTAGES

- Superior Protection - forms a durable, weather resistant "rubber-like" seal.
- Ideal for sealing holes, cracks and joints.
- Highly flexible.
- 100% acrylic elastomeric caulk, fully compatible with other WeatherStar elastomeric products.
- Superior adhesive and cohesive strength.
- Plasticizer-free caulk, will not dry-out or become brittle.
- Contains a strong mildewcide / fungicide.
- Easy to use, easy clean up, non-toxic and VOC compliant water based caulk.

BASIC USES

Butter-Grade 221 is ideally suited for sealing mechanical fasteners and vertical seams on metal roofs, as well as around flashings, drains and penetrations on most roof surfaces. It has excellent adhesion to asphaltic roofing, metal, concrete, wood, and polyurethane. Other surfaces should be checked for adhesion.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Butter-Grade 221 is ready to use. Thinning is not required or recommended. Apply with a good quality synthetic bristle brush.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

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PRODUCT DATA SHEET
Butter-Grade 221

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	Gray
Viscosity:	90,000 CPS ± 10,000
Density, lb./gal:	11.3 ± .2
Percent Solids by Volume:	66% ± 2%
Flash Point:	NA
Hardness, Shore A:	45
Tensile Strength at Max Stress:	325 p.s.i.
% Elongation at Break:	200%
Permeability:	5 perms/inch. 20 mils thick coating
Coverage:	1 gallon will cover 50 lineal feet, 4 inches wide
Recommended Coverage:	As needed.
Drying Time:	4-6 hours
Packaging:	5 gallon buckets

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PRODUCT DATA SHEET
Acrylic Clear Gloss 230

DESCRIPTION

Acrylic Clear Gloss elastomeric coating is a translucent skylight sealer.

ADVANTAGES

- Extremely tough, durable, UV resistant protective sealant.
- Excellent water resistance.
- Good bridging qualities over hairline cracks and small openings.
- Excellent adhesion and binding qualities.
- Outstanding resistance to dirt collection and pollutants.
- Keeps surface clean thereby reducing maintenance costs.
- Environmentally safe.

BASIC USES

Acrylic Clear Gloss 230 is used with the AWS metal roof coating system to help seal and recondition skylights. Note, if skylights are cracked, the AWS 230 is not sufficient. In this case the skylight should be replaced.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Acrylic Clear Gloss 230 is ready to use. Thinning is not required or recommended.

- Spray: Airless Sprayer, 1/2 g.p.m. capacity with a #517 tip.
- Brush: Good quality synthetic bristle brush.
- Roller: Long nap roller.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Acrylic Clear Gloss 230

TECHNICAL DATA

Color:	Translucent
Viscosity:	3000 CPS
Weight, lb./gal:	8.7 lbs. / gallon.
Percent Solids by Volume:	45% ± 2%
Flash Point:	NA
Hardness, Shore A:	60
Coverage:	100 sq.ft. per gallon, depending on porosity of surface.
Recommended Coverage:	The number of coats depends on surface porosity.
Drying Time:	6-12 hours
Packaging:	5 gallon buckets, 55 gallon drums

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Butyl Coating 310

DESCRIPTION

AWS Butyl 310 is a butyl rubber elastomeric coating providing excellent UV protection and superb resistance to any moisture penetration. Once cured, this sprayed applied polymer provides a durable, seamless flexible waterproof membrane that resists cracking and will allow for the normal expansion and contraction that may take place within the surface of the structure.

ADVANTAGES

- Reduces daily expansion and contraction (thermal cycling) of roofing substrates.
- Reflects 80-90% of the heat and harmful UV rays of the sun.
- Excellent reflective properties which helps to reduce cooling costs. Prevents premature degradation.
- Superior elongation and tensile strength.
- Superior resistance to dirt pick-up helps stay white longer and maintains reflectivity.

BASIC USES

Butyl 310 is recommended as a protective vapor barrier coating to most surfaces as well as roof applications, including a variety of situations such as polyurethane foam, seams, fasteners, gutters, vent pipe flashings, air conditioning units and expansion joints. Ideal for metal buildings that may contain visible rust.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Butyl 310 is ready to use. Thinning is not required or recommended.

- Spray: Airless sprayer. 3000 p.s.i., 3 g.p.m. capacity with a #035-#040 tip.
- Brush: Good quality synthetic bristle brush.
- Roller: Long nap roller.

WARNING: This product contains VM & P Naphtha and Xylene. KEEP AWAY FROM HEAT, OPEN FLAME OR SPARKS. USE ONLY IN WELL VENTILATED AREAS WITH PROPER PROTECTIVE EQUIPMENT. Avoid breathing vapor or mist.

Approved (MESA/NIOSH) chemical respirator and protective clothing must be worn by applicator and personnel in vicinity of the application. Provide mechanical exhaust ventilation in enclosed areas. Positive pressure fresh air hose masks are required for interior applications.

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Butyl Coating 310

WARRANTY

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MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	White
Viscosity:	2000-2500 cps
Tensile Strength:	1000 ± 50 psi
Elongation:	900% ± 50%
Total Solids:	40% ± 2%
Flash Point:	68° F
Hardness:	45 Shore A
Recoat	4-10 hours
Permeability:	.005 perm inch
Coverage:	2.5 gallons per 100 sq.ft. yields 17 dry mils 3.5 gallons per 100 sq.ft. yields 23 dry mils
Recommended Coverage:	Depends on substrate. See application specifications for each surface.
Shelf Life:	12 months @ 40°F-90°F
Weight per Gallon:	7.0 lbs. per gal
Clean Up:	Xylene
Service Temperature:	-50° to 200° F

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Butyl Brush-Grade 320

DESCRIPTION

Butyl-Brush Grade 320 is a single component brush-able grade seam sealer specially formulated to provide a waterproof, weather resistant membrane with excellent permeability and ultra-violet protection. Butyl 320 offers good elongation and tensile strength to resist lateral movement and allow for expansion and contraction of the substrate. It is specifically formulated to be a little less in viscosity than the Butyl Flashing-Grade 321.

ADVANTAGES

- Superior Protection - forms a durable, weather resistant "rubber-like" seal.
- Ideal for sealing holes, cracks and joints.
- Highly flexible.
- Superior adhesive and cohesive strength.
- Superior elongation and tensile strength.

BASIC USES

Butyl-Brush Grade 320 is recommended as a protective vapor barrier seam sealer for a variety of situations, including all types of seams, fasteners, gaps between metal panels, gutters, vent pipe flashings, air conditioning units and expansion joints. Ideal for metal roof applications with visible rust and all types of flat roofing substrates.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

- Brush: Good quality synthetic bristle brush.

WARNING: This product contains VM & P Naphtha and Xylene. KEEP AWAY FROM HEAT, OPEN FLAME OR SPARKS. USE ONLY IN WELL VENTILATED AREAS WITH PROPER PROTECTIVE EQUIPMENT. Avoid breathing vapor or mist.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Butyl Brush-Grade 320

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	White
Viscosity:	50,000 cps
Tensile Strength:	500 ± 50 psi
Elongation:	500% ± 50%
Total Solids:	40% ± 2%
Flash Point:	68° F
Hardness:	45 Shore A
Recoat	4-10 hours
Permeability:	.005 perm inch
Coverage:	Depends on the substrate and conditions. Use as needed.
Shelf Life:	12 months @ 40°F-90°F
Weight per Gallon:	7.0 lbs. per gal
Clean Up:	Xylene
Service Temperature:	-50° to 200° F

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Butyl Flashing-Grade 321

DESCRIPTION

Butyl Flashing-Grade 321 is a single component trowel grade seam sealer specially formulated to provide a waterproof, weather resistant membrane with excellent permeability and ultra-violet protection. BUTYL 321 offers good elongation and tensile strength to resist lateral movement and allow for expansion and contraction of the substrate.

ADVANTAGES

- Superior Protection - forms a durable, weather resistant "rubber-like" seal.
- Ideal for sealing holes, cracks and joints.
- Highly flexible.
- Superior adhesive and cohesive strength.
- Superior elongation and tensile strength.

BASIC USES

Butyl Flashing-Grade 321 is recommended as a protective vapor barrier seam sealer for a variety of situations, including all types of seams, fasteners, gaps between metal panels, gutters, vent pipe flashings, air conditioning units and expansion joints. Ideal for metal roof applications with visible rust and all types of flat roofing substrates.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

- Thick heavy brush or trowel.

WARNING: This product contains VM & P Naphtha and Xylene. KEEP AWAY FROM HEAT, OPEN FLAME OR SPARKS. USE ONLY IN WELL VENTILATED AREAS WITH PROPER PROTECTIVE EQUIPMENT. Avoid breathing vapor or mist.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

PO Box 6256
Mobile AL, 36606
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PRODUCT DATA SHEET
Butyl Flashing-Grade 321

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	White
Viscosity:	70,000 cps
Tensile Strength:	500 ± 50 psi
Elongation:	500% ± 50%
Total Solids:	45% ± 2%
Flash Point:	68° F
Hardness:	45 Shore A
Recoat	4-10 hours
Permeability:	.005 perm inch
Coverage:	Depends on the substrate and conditions. Use as needed.
Shelf Life:	12 months @ 40°F-90°F
Weight per Gallon:	8.2 lbs. per gal
Clean Up:	Xylene
Service Temperature:	-50° to 200° F

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Silicone 410

DESCRIPTION

Silicone 410 is a single component, elastomeric moisture cured silicone rubber coating. Once cured this liquid applied silicone coating provides a durable, seamless, flexible, waterproof membrane that resists lateral movement, shear and will allow for normal expansion and contraction.

ADVANTAGES

- Superior Protection - forms a durable, weather resistant "rubber-like" seal.
- Excellent UV protection.
- Superior adhesive and cohesive strength.

BASIC USES

Silicone 410 is designed as a protective coating for spray-in-place polyurethane foam, and single ply membrane roofs. Silicone 410 can also be used as a topcoat over our fabric system.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Apply by brush or roller as received. Thinning up to one pint of pure mineral spirits per gallon is permissible if viscosity increases. For cold weather application, keep material stored above 65°F.

CAUTION: Silicone 410 contains solvent and is flammable. Keep away from heat, sparks and open flame. Avoid prolonged breathing of vapors and prolonged or repeated skin contact. Use only with adequate ventilation.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

PO Box 6256
Mobile AL, 36606
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PRODUCT DATA SHEET
Silicone 410

TECHNICAL DATA

Color:	White or gray
Viscosity:	9,000 cps
Tensile Strength:	500 ± 50 psi
Elongation:	150% ± 50%
Total Solids:	68% ± 2%
Flash Point:	100° F
Hardness:	55 Shore A
Cure Times	6 hours to touch 8-12 hours tack free 12-16 hours recoat
Permeability:	3.9 Perms
Coverage:	2 gallons per 100 sq.ft. yields 22 dry mils 3 gallons per 100 sq.ft. yields 33 dry mils
Recommended Coverage:	Depends on substrate: See application specifications for each surface.
Shelf Life:	6 months
Weight per Gallon:	9.2 lbs. per gal
Clean Up:	Mineral Spirits
Service Temperature:	-50° to 200° F

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Silicone 412

DESCRIPTION

Silicone 412 is a 95% solids, single component moisture cured silicone coating that serves as the standard specification for liquid applied silicone coating used in spray polyurethane foam roofing single-ply restoration and for top coating several American Weatherstar Fabric Systems.

USAGE

Silicone 412 is designed as a protective coating for spray-in-place polyurethane foam, fabric reinforced systems over modified bitumen, smooth built up and most single-ply's.

APPLICATION

Mixing: Mix before application to assure uniform color and consistency.

Application: Apply by brush or roller as received. For spray application, use as received.

For cold weather application, keep material stored above 65°F (18°C). Recoat time is between 4 to 48 hours. Longer recoat times will result in poor intercoat adhesion and delamination.

Clean-Up: Clean spray equipment with Mineral Spirits. Recirculate through lines and gun until residual is removed.

Cure: Applied coating will cure in 1 to 4 hours depending on temperature and humidity.

Caution: Silicone 412 is considered combustible. Keep away from heat, sparks and open flame. Avoid prolonged breathing of vapors and prolonged or repeated skin contact. Use only with adequate ventilation.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

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PO Box 6256
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PRODUCT DATA SHEET
Silicone 412

APPLIED PRODUCT DATA

Weatherability:	Excellent durability, color stability and chalk resistance.	
Chemical Resistance:	Excellent solvent and chemical resistance.	
Tensile:	ASTM D-412 Strength: 550 ± 10 psi (3.79 ± .07 MPa) Elongation: 150 % ± 10 Permanent Set At Break: Approx. 1%	Silicone 412 immersed in Water @150°F(66°C) for 1 year per ASTM D-471: Strength: 463 psi (3.19MPa) Elongation: 125% Permanent Set At Break: 0%
Tear Resistance:	ASTM D-624 DIE C Lb./In. 21 pli (3.8 kg(f)/cm)	11 pli (2.0 kg(f)/cm)
Hardness:	ASTM D-2240 55 Shore A	56 Shore A
Water Vapor Permeability:	ASTM E-96: 5.3 perms Procedure B at 0.5 mm (20 mils) thickness ± 10% Minimum permeance requirement is 2.5 U.S. perms	
Adhesion:	Excellent adhesion to polyurethane foam and other substrates.	
Flammability:	ASTM E108 Class: A	
Reflectance:	ASTM C-1549 White: 0.88	
Emittance:	ASTM C-1371 White: 0.87	

PACKAGED PRODUCT DATA

Colors:	White and Gray
Coverage:	Depends on substrate
Solids:	Weight: Method 4041 Fed. Std. 141 96.5% ± 1% Volume: 95% ± 1%
V.O.C.	Volatile organic compounds content is 48 grams per liter
Flash Point:	ASTM D-56, TCC Above 179oF (82°C)
Storage Stability:	One year from date of manufacture when stored in sealed containers below 75oF (24°C).
Cleaner:	Mineral Spirits

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Aromatic Urethane 520

DESCRIPTION

Aromatic Urethane 520 is a high solids, single component, moisture cure polyurethane elastomeric coating uniquely formulated for the protection of sprayed-in-place polyurethane foam insulation and traditional roofing substrates, such as EPDM single ply membrane and BUR surfaces. Once cured this liquid applied moisture-curing polymer provides a durable, seamless, flexible, waterproof membrane that resists lateral movement, shear and will allow for normal expansion and contraction.

ADVANTAGES

- Superior Protection - forms a durable, weather resistant "rubber-like" seal.
- Excellent UV Protection.
- Superior adhesive and cohesive strength.
- Reduces daily expansion and contraction (thermal cycling) of roofing substrates.
- Excellent reflective properties which help to reduce cooling costs. Prevents premature degradation.
- Superior elongation and tensile strength.
- Superior resistance to dirt pick-up.

BASIC USES

Urethane 520 was specifically developed as a protective coating for sprayed-in-place polyurethane foam roofing. With excellent adhesion, Urethane 520 may be used as well for protection of conventional commercial/industrial surfaces such as, but not limited to, EPDM single ply membranes, wood, concrete, masonry, and most types of metals.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Urethane 520 may be applied by medium nap rollers, soft brushes or conventional airless spray equipment. Apply Urethane 520 only to clean, dry, sound surfaces free of loose particles or other foreign matter. Successive and/or topcoats MUST be applied to the base or intermediate coats within 48 hours to insure proper adhesion.

AVOID MOISTURE CONTAMINATION IN SEALED CONTAINERS. Store in a dry environment at temperatures between 40°F - 100°F. KEEP AWAY FROM HEAT, OPEN FLAME OR SPARKS. USE ONLY IN WELL VENTILATED AREAS WITH PROPER PROTECTIVE EQUIPMENT. Avoid breathing vapor or mist.

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Aromatic Urethane 520

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	Silver
Viscosity:	2,000 cps
Tensile Strength:	975± 25 psi
Elongation:	350% ± 50%
Total Solids:	70% ± 2%
Flash Point:	80° F
Hardness:	65 Shore A
Cure Times	6 hours to touch 8-12 hours tack free 12-16 hours recoat
Permeability:	.02 Perms
Coverage:	2 gallons per 100 sq.ft. yields 22 dry mils 3 gallons per 100 sq.ft. yields 33 dry mils
Recommended Coverage:	Depends on substrate: See application specifications for each surface.
Shelf Life:	6 months
Weight per Gallon:	9.2 lbs. per gal
Clean Up:	Xylene
Service Temperature:	-50° to 200° F

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Fast Set Urethane 530

DESCRIPTION

Fast Set Urethane 530 is a high solids, plural component, fast set polyurethane elastomeric coating uniquely formulated for the protection of sprayed-in-place polyurethane foam insulation and traditional roofing substrates, such as EPDM single ply membrane and BUR surfaces. Once cured this liquid applied moisture-curing polymer provides a durable, seamless, flexible, waterproof membrane that resists lateral movement, shear and will allow for normal expansion and contraction.

ADVANTAGES

- Superior Protection - forms a durable, weather resistant "rubber-like" seal.
- Excellent UV protection.
- Superior adhesive and cohesive strength.
- Reduces daily expansion and contraction (thermal cycling) of roofing substrates.
- Excellent reflective properties which helps to reduce cooling costs. Prevents premature degradation.
- Superior elongation and tensile strength.
- Superior resistance to dirt pick-up.

BASIC USES

Fast Set Urethane 530 was specifically developed as a protective coating for sprayed-in-place polyurethane foam roofing. With excellent adhesion, Fast Set Urethane 530 may be used as well for protection of conventional commercial/industrial surfaces such as, but not limited to, EPDM single ply membranes and metal.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Stirring may be required to ensure uniformity of the material, particularly if products have been stored at temperatures outside of the recommended range.

Apply with plural component airless equipment. Material must be maintained between 120°F (49°C) and 140°F (60°C) during application. For best results maintain pressures at or above 2,000 psi. May apply up to 60 mils.

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Fast Set Urethane 530

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	Aluminum
Tensile Strength: **Elongation:**	1600 psi 100 psi 180% ± 10%
Hardness	ASTM D-2240 80 - 3 Shore A
Permeability:	0.02 Perm Inches
Toxicity	Part B contains polymeric diisocyanate, which is toxic if heated in a confined area or inhaled as particulate matter. An air supply respirator is required for spray applications and containers of Part B should not be heated above 120°F (49°C). However, heating of either component to 140°F (60°C) is acceptable when using plural component spray equipment.
Coverage:	2 gallons per 100 sq ft = 30 dry mills 3 gallons per 100 sq ft = 45 dry mills
Recommended Coverage:	Depends on substrate. See application specifications for each surface.
Solids:	Part A (Poly) Part B (Iso) Weight: 100% 94.1% Volume: 100% 90.6%
Flash Point:	Part A (poly): NONE Part B (iso): > 100°F
Shelf Life:	Part A: One year at 75°F to 95°F (24°C to 35°C) Part B: Six months at 75°F to 95°F (24°C to 35°C)
Cure Time:	Applied coating will cure in 24 hours with 70ºF (21ºC) and 40% relative humidity. Lower temperatures and humidity will require longer times to cure.
Clean Up:	Xylene

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Polyurea 540

DESCRIPTION

Polyurea 540 is a 100% solids, plural component, fast set elastomeric coating uniquely formulated for the protection of sprayed-in-place polyurethane foam insulation and traditional roofing substrates, such as Metal, Concrete, Modified Bitumen and BUR surfaces. Once cured this liquid applied moisture-curing polymer provides a durable, seamless, flexible, waterproof membrane that resists lateral movement, shear and will allow for normal expansion and contraction.

ADVANTAGES

- Superior protection - forms a durable, weather resistant "rubber-like" seal.
- Excellent UV protection.
- Superior adhesive and cohesive strength.
- Reduces daily expansion and contraction (thermal cycling) of roofing substrates.
- Excellent reflective properties which helps to reduce cooling costs. Prevents premature degradation.
- Superior elongation and tensile strength.
- Superior resistance to dirt pick-up.

BASIC USES

Polyurea 540 was specifically developed as a protective coating for sprayed-in-place polyurethane foam roofing. With excellent adhesion, Polyurea 540 may be used as well for protection of conventional commercial/industrial surfaces such as, but not limited to concrete, modified bitumen, BUR, and metal.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Stirring may be required to ensure uniformity of the material, particularly if products have been stored at temperatures outside of the recommended range.

Apply with plural component airless equipment. Material must be maintained between 160 F and 170°F during application. For best results maintain pressures at or above 2,000 psi. May apply up to 100 mils.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Polyurea 540

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	Light Gray
Tensile Strength: **Elongation:**	2840 psi 100 psi 650% ± 10%
Hardness:	47
Permeability:	0.02 Perm Inches
Coverage: **Recommended Coverage:**	2 gallons per 100 sq ft = 32 dry mils 3 gallons per 100 sq ft = 48 dry mils Depends on substrate. See application specifications for each surface.
Solids:	Part A (Poly) Part B (Iso) Weight: 100% 100% Volume: 100% 100 %
Flash Point:	Part A (Poly): NONE Part B (Iso): > 160°F
Dry Time:	40 seconds
Cure Time:	Applied coating will cure in 24 hours with 70ºF (21ºC) and 40% relative humidity. Lower temperatures and humidity will require longer times to cure.
Clean Up:	Acetone
Packaging:	110 gallon Kits

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Acrylic Bonding Primer 905

DESCRIPTION

Acrylic Bonding Primer 905 is a durable water-based primer suitable for priming most roofing substrates before applying the appropriate topcoat. Substrates suitable for the 905 include previously coated metal, smooth and granulated modified bitumen, and built up roofs. Acrylic Bonding Primer 905 is not meant to be a rust primer, use Rust Prime 910 or 912 for any rusted surfaces.

ADVANTAGES

- Excellent adhesion to most roof surfaces.
- Bonds to unstable substrates.
- Provides a tough, adhesive, durable film.
- Quick drying time.
- Environmentally safe.
- Easy to use, easy clean up, non-toxic and VOC compliant water based coating.

BASIC USES

AWS 905 is designed to be used as an adhesion bonding primer before roof coatings are applied.

INSTALLATION

All surfaces to be coated must be clean, dry and free of any oil, grease or dirt. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Acrylic Bonding Primer 905 is ready to use. Thinning is not required or recommended.

- Spray: Airless sprayer. 1/2 g.p.m. capacity with a #017 tip.
- Brush: Good quality synthetic bristle brush.
- Roller: Short nap roller.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Acrylic Bonding Primer 905

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	Light Gray
Viscosity:	600-800 CPS
Density, lb./gal:	8.4 ± .2
Percent Solids by Volume:	38% ± 1%
Flash Point:	NA
Tensile Strength at Max Stress:	N/A
% Elongation at Break:	N/A
Permeability:	N/A
Recommended Coverage:	Depends on substrate: See application specifications for each surface.
Drying Time:	1-2 hours
Packaging:	5 gallon buckets, 55 gallon drums

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
Rust Prime 910

DESCRIPTION

Rust Prime 910 is a durable gray rust primer for metal-rusted surfaces. Also acts as an intermediate coat between difficult to adhere substrates and topcoat.

ADVANTAGES

- Designed to be used as a rust primer to inhibit rust on metal surfaces.
- Excellent adhesion to rusted metal surfaces.
- Bonds to unstable substrates.
- Provides a tough, adhesive, durable film.
- Quick drying time.
- Environmentally safe.
- Easy to use, easy clean up, non-toxic and VOC compliant water based coating.

BASIC USES

AWS 910 is designed to be used to inhibit rust on a metal roof and as an adhesion bonding primer before roof coatings are applied.

INSTALLATION

All surfaces to be coated must be clean, dry and free of any oil, grease or dirt. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Rust Prime 910 is ready to use. Thinning is not required or recommended.

- Spray: Airless sprayer. 1/2 g.p.m. capacity with a #017 tip.
- Brush: Good quality synthetic bristle brush.
- Roller: Short nap roller.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

PO Box 6256
Mobile AL, 36606
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PRODUCT DATA SHEET
Rust Prime 910

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	Light Gray
Viscosity:	600-800 CPS
Density, lb./gal:	8.4 ± .2
Percent Solids by Volume:	38% ± 1%
Flash Point:	NA
Tensile Strength at Max Stress:	N/A
% Elongation at Break:	N/A
Permeability:	N/A
Recommended Coverage:	Depends on substrate: See application specifications for each surface.
Drying Time:	1-2 hours
Packaging:	5 gallon buckets, 55 gallon drums

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PRODUCT DATA SHEET
Rust Prime 912

DESCRIPTION

Rust Prime 912 is a high quality corrosion resistant red acrylic primer. It was specifically developed to not only adhere to difficult metal substrates, but to also give good flash rust, and corrosion resistance over carbon steel. Rust Prime 912 achieves this through its ability to inhibit the oxidizing of the substrate.

ADVANTAGES

- Designed to be used as a rust primer to inhibit rust on metal surfaces.
- Excellent adhesion to rusted metal surfaces.
- Bonds to unstable substrates.
- Provides a tough, adhesive, durable film.
- Quick drying time.
- Environmentally safe.
- Easy to use, easy clean up, non-toxic and VOC compliant water based coating.

BASIC USES

AWS 912 is designed to be used to inhibit rust on a metal roof and as an adhesion bonding primer before roof coatings are applied.

INSTALLATION

All surfaces to be coated must be clean, dry and free of any oil, grease or dirt. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Rust Prime 912 is ready to use. Thinning is not required or recommended.

- Spray: Airless sprayer. 1/2 g.p.m. capacity with a #017 tip.
- Brush: Good quality synthetic bristle brush.
- Roller: Short nap roller.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

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PRODUCT DATA SHEET
Rust Prime 912

TECHNICAL DATA

Color:	Red
Viscosity:	600-800 CPS
Density, lb./gal:	10 ± .2
Percent Solids by Volume:	40% ± 1%
Flash Point:	NA
Tensile Strength at Max Stress:	N/A
% Elongation at Break:	N/A
Permeability:	N/A
Recommended Coverage:	Depends on substrate: See application specifications for each surface
Drying Time:	2-3 hours
Packaging:	5 gallon buckets, 55 gallon drums

PO Box 6256
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PRODUCT DATA SHEET
Etching Primer 920

DESCRIPTION

Etching Primer 920 is a single component rinseable detergent solution.

ADVANTAGES

- Creates adhesion of AWS topcoats to EPDM surfaces.
- Suitable cleaner for any sing-ply substrate prior to coating.
- Environmentally safe.
- Easy to use, easy clean up, non-toxic and VOC compliant water based coating.

BASIC USES

Intended for use as supplied as a rinse-able cleaning liquid for new or aged EPDM. May be suitable for other single ply roofing membranes.

INSTALLATION

- Apply etching detergent with sprayer of choice, Hudson type agricultural sprayer, conventional pressure sprayer, or airless sprayer.
- Allow etching detergent to stand for 15 minutes.
- Clean with commercial powerwasher, >2500 psi.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

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PRODUCT DATA SHEET
Etching Primer 920

TECHNICAL DATA

Color:	Clear to light pink
Consistency:	Same as water.
Weight, lb./gal:	9.45 lbs.
Solids: **Weight:** **Volume:**	 0% 0%
Flash Point:	ASTM D-56 None
Coverage:	400 sq. ft. per gallon
Packaging:	5 gallon pails

PO Box 6256
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1-800-771-6643

PRODUCT DATA SHEET
Fabric Bond 930

DESCRIPTION

Fabric Bond 930 is designed to be a bonding agent to secure polyester fabric to roof surfaces.

ADVANTAGES

- Seals asphaltic surfaces with little or no bleed through.
- Excellent adhesion to various surfaces.
- Easy to use, easy clean up, non-toxic and VOC compliant water based coating.
- Must be top coated with one of WeatherStar Coatings top coats.

BASIC USES

Great as a primer over Asphalt, concrete, wood, tile, metal and virtually any clean, dry, non-silicone surface. Also used for installing AWS Fabric to any roof surface before applying top coat.

INSTALLATION

All surfaces to be coated must be clean, dry and free of any oil, grease or dirt. Pressure washing is recommended for older coatings. Do not apply within two hours of sunset, rain, fog or freezing temperatures.

Fabric Bond 930 is ready to use. Thinning is not required or recommended.

- Spray: Airless sprayer. 2000 p.s.i., 2 g.p.m. capacity with a #027-#031 tip.
- Brush: Good quality synthetic bristle brush.
- Roller: Long nap roller.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

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PRODUCT DATA SHEET
Fabric Bond 930

TECHNICAL DATA

Color:	Blue
Viscosity:	600-800 CPS
Weight, lb./gal:	8.38 lbs. / gallon
Percent Solids by Weight:	48% ± 2%
Flash Point:	NA
Recommended Coverage:	Depends on substrate: See application specifications for each surface.
Dry Time	12 to 24 Hours
Packaging	5 gallon buckets

PO Box 6256
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PRODUCT DATA SHEET
Neoprene Primer 940

DESCRIPTION

Neoprene Primer 940 is a spray grade contact cement/rust inhibiting primer with a flammable solvent vehicle designed as a tie coat for dusty or porous surfaces to improve adhesion to a variety of substrates.

ADVANTAGES

- Penetrates into the surface to lock itself into place.
- Provides excellent anchorage for top coats.
- Great primer prior to spraying polyurethane foam.
- Highly flexible.
- Superior adhesive and cohesive strength.

BASIC USES

AWS 940 may be used as a primer coat over a wide range of substrates which include, but are not limited to, BUR, asphalt, wood, metal, concrete, masonry, various single ply membranes, polyurethane foam and most conventional roof coatings. It is pigmented black to speed the curing process and increase roof surface temperature before application of sprayed-in-place polyurethane foam or roof coatings. AWS 940 may also be used as a temporary protective coat over polyurethane foam when weather conditions prevent application of acrylic coatings.

INSTALLATION

AWS 940 may be applied by medium nap rollers or conventional airless spray equipment. Apply AWS 940 only to clean, dry, sound surfaces free of loose particles or other foreign matter. Apply AWS 940 at the rate of 3/4 to 1 gallon per 100 sq. ft., according to substrate and condition. Normal drying time is 1-2 hours.

WARNING: This product contains Toluene. KEEP AWAY FROM HEAT AND OPEN FLAMES. USE ONLY IN WELL VENTILATED AREAS WITH PROPER PROTECTIVE EQUIPMENT. AVOID BREATHING VAPOR OR MIST. Due to misting effect of the product during windy conditions, caution should be taken for over-spray. DO NOT SPRAY PRODUCT AROUND AIR CONDITIONING AND VENTILATION UNITS IN OPERATION.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

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PRODUCT DATA SHEET
Neoprene Primer 940

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	Black or Gray
Viscosity:	125-150 CPS
Weight, lb./gal:	7.8 ± .2
Percent Solids by Volume:	13% ± 2%
Flash Point:	45 degrees F
Clean up / Thinner	Toluene
Recommended Coverage:	Depends on substrate: See application specifications for each surface.
Drying Time:	1-2 hours
Packaging:	5 gallon buckets, 55 gallon drums

PO Box 6256
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PRODUCT DATA SHEET
Non-Woven Fabric

DESCRIPTION

American WeatherStar Non-Woven Fabric (AWS NW) spun-laced fabric is a textile material composed of staple fibers hydraulically entangled to form a strong reinforcing membrane for cold roofing mastics. Composed of 100% polyester, AWS NW has excellent conformability and elongation. The open aperture design allows mastics to flow through and form saturated rather than a laminated roofing membrane.

ADVANTAGES

- Light Weight with high tensile strength.
- Maintains it's physical properties when wet.
- Expansion and contraction of building materials due to temperature changes make it necessary to have a roof surface that allows for this movement, AWS NW has the elongation properties to do this.
- It is non-raveling, has excellent tear strength and is resistant to chemicals and solvents.

BASIC USES

AWS NW has been successfully used with a variety of cold process roof coatings, including cutback asphalt, asphalt emulsion, elastomeric asphalt and acrylic coatings. Embed the fabric with a coating and cover as per coating manufacturer's directions.

INSTALLATION

Install AWS Non Woven Fabric using Fabric Bond 930 or one of the AWS top coats. Apply a layer of coating, then lay fabric into wet coating. Once coating sets up apply another layer of coating on top side of fabric.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

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PRODUCT DATA SHEET
Non-Woven Fabric

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Weight/Square:	11 Lbs
Bulk:	22 Mills
Tensile Strength:	35 PSI
Elongation – MD:	100%

PO Box 6256
Mobile AL, 36606
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PRODUCT DATA SHEET
Seam Tape

DESCRIPTION

AWS Seam Tape is a pressure sensitive seam sealing tape with Dupont Sontara® Fabric backing bonded onto 20 mils of Butyl Rubber adhesive. AWS Seam Tape stays flexible, even at low temperatures, to allow for the expansion and contraction of the substrate.

AWS Seam Tape has an aggressive grip with superior adhesion to produce an immediate, water tight seal. Containing no harmful VOC's, the product is environmentally safe. AWS Seam Tape will save metal roof sealing cost under most metal system specifications.

ADVANTAGES

- Light Weight with high tensile strength.
- Maintains it's physical properties when wet.
- Expansion and contraction of building materials due to temperature changes make it necessary to have a roof surface that allows for this movement, AWS Seam Tape has the elongation properties to do this.

BASIC USES

AWS Seam Tape is recommended for sealing seams and penetrations on a metal roof. The AWS Seam tape can take the place of the AWS Non Woven Fabric and offer greater strength.

INSTALLATION

Apply AWS Seam Tape only to clean, dry, sound surfaces free of loose particles or other foreign matter. Peel off release liner.

APPLY EXACTLY TO DESIRED AREA. Trying to remove AWS Seam Tape may damage the tape or substrate. Press down firmly starting at the center and working towards outside edge, removing bubbles. Some wrinkling should not affect seal or product performance. Edges must have no openings, funnels or fishmouths. Immediate, water tight bond can be achieved and full cured bond within 24 hours.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

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PRODUCT DATA SHEET
Seam Tape

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Packaging 50' Rolls:	3", 4", & 6" widths 3" = 16 rolls per case 4" = 12 rolls per case 6" = 8 rolls per case
Tensile Strenght:	475 psi
Elongation:	60%
Peel Strength:	10 LBS per linear inch
Fluid Absorption:	Excellent for coatings.
Service Temperature:	20 degrees to 180 degrees F

American™
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WALL COATINGS
DIVISION

Product Data Sheets

AWSW PDS

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PO Box 6256
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PRODUCT DATA SHEET
Acrylic Wall Coat 2000

DESCRIPTION

Acrylic Wall Coat 2000 (AWC 2000) is an acrylic wall coating, flat in finish, that provides excellent flexibility, durability, and weather resistance. The AWC 2000 is suitable for many wall substrates including precast, or poured-in-place concrete, block, and stucco.

ADVANTAGES

- Long Lasting Durable elastomeric finish.
- Contains a strong mildewcide / fungicide.
- Excellent adhesion to various substrates.
- Superior resistance to dirt pick-up.
- Easy to use, easy clean up, non-toxic and VOC compliant water based coating.

BASIC USES

Acrylic Wall Coat 2000 (AWC 2000) is suitable for interior or exterior wall finishes including wood, precast, or poured in place concrete, block, and stucco.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Acrylic Wall Coat 2000 (AWC 2000) is ready to use. Thinning is not required or recommended.

- Brush: Use a nylon or polyester brush. Do not over-brush as this can cause pinholes and air bubbles.
- Roller: Use a 1⁄2" to 1 1⁄2" nap synthetic roller cover. Do not roll too rapidly as this can cause pinholes or air bubbles.
- Spray: Airless
  Pressure, minimum 2500 psi
  Tip, minimum .321"
- Priming: After cleaning the surface thoroughly, prime any new, bare surface with Acrylic Clear Primer – 9000.
- Repainting: Acrylic Clear Primer – 9000 may be used as the primer.

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PRODUCT DATA SHEET
Acrylic Wall Coat 2000

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Two coat system, brush, roller, or spray applied, coverage per coat:	115-160 sq ft/gal 10 - 14 mils wet 4.0 - 6.0 mils dry
Can be applied up to 20 mils wet. *Coverage will vary with the substrate and the texture.*	
Finish: Flat	0-10 units
Vehicle Type:	Acrylic
VOC (less exempt solvents):	95 g/L
Volume Solids:	42 ± 2%
Weight Solids:	59 ± 2%
Weight per Gallon:	11.8 lb
Elongation:	325%
Tensile Strength:	340 psi

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1-800-771-6643

PRODUCT DATA SHEET
Ceramic Wall Coat 2100

DESCRIPTION

Ceramic Wall Coat 2100 (AWC 2100) is an acrylic wall coating, satin in finish, that provides excellent flexibility, durability, and weather resistance. AWC 2100 is suitable for many wall substrates including precast, or poured-in-place concrete, block, and stucco.

ADVANTAGES

- Ceramic adds durability and thermal protection.
- Long Lasting Durable elastomeric finish.
- Contains a strong mildewcide / fungicide.
- Excellent adhesion to various substrates.
- Superior resistance to dirt pick-up.
- Easy to use, easy clean up, non-toxic and VOC compliant water based coating.

BASIC USES

AWC 2100 is suitable for interior or exterior wall finishes including wood, precast, or poured in place concrete, block, and stucco.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

AWC 2100 is ready to use. Thinning is not required or recommended.

- Brush: Use a nylon or polyester brush. Do not over-brush as this can cause pinholes and air bubbles.
- Roller: Use a ½" to 1 ½" nap synthetic roller cover. Do not roll too rapidly as this can cause pinholes or air bubbles.
- Spray: Airless
  Pressure, minimum 2500 psi
  Tip, minimum .321"
- Priming: After cleaning the surface thoroughly, prime any new, bare surface with Acrylic Clear Primer – 9000.
- Repainting: Acrylic Clear Primer – 9000 may be used as the primer.

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PRODUCT DATA SHEET
Ceramic Wall Coat 2100

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Two coat system, brush, roller, or spray applied, coverage per coat:	115-160 sq ft/gal 10 - 14 mils wet 4.0 - 6.0 mils dry
Can be applied up to 20 mils wet. *Coverage will vary with the substrate and the texture.*	
Finish: Flat	10-15 units
Vehicle Type:	Acrylic
VOC (less exempt solvents):	95 g/L; 0.79 lb/gal
Volume Solids:	42 ± 2%
Weight Solids:	59 ± 2%
Weight per Gallon:	11.8 lb
Elongation:	325%
Tensile Strength:	340 psi

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PRODUCT DATA SHEET
DTM 3000

DESCRIPTION

DTM 3000 Acrylic Enamel is an interior/exterior 100% acrylic high gloss enamel. It is extremely durable, corrosion and chemical resistant, suitable for commercial, industrial, and residential use.

ADVANTAGES

- High Gloss
- Non-yellowing
- High Durability
- Fast Drying
- Low VOC
- Use on Prepared Metal

BASIC USES

DTM 3000 Acrylic Enamel is suitable for interior and exterior surfaces, steel, galvanized metal, and aluminum.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Dull glossy surfaces with sandpaper or steelwool. Rusting surfaces must be cleaned of loose rust by wire brushing or sand blasting. Prime with DTM primer for maximum corrosion resistance.

May be applied by brush, roller or spray, Stir material thoroughly before using. Paint at temperature between 50 degrees F and 95 degrees F. Allow 4 to 6 hours before recoating. Dampness and humidity will directly effect drying time. Clean equipment and area with soap and water.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

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PRODUCT DATA SHEET
DTM 3000

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Colors:	White / May be tinted to custom colors
Vehicle Type:	100% Acrylic
Gloss:	75-80 at 60 degrees
Weight:	10.19lb/GAL
Vol Solids:	36.40%
Weight Solids:	49.13%
P.V.C.:	19.42%
Flash Point:	NA
Viscosity:	1500 cps
Dry Time:	To Touch in 1 HR To Recoat in 4-6 HRS
V.O.C.:	125 gm/L
Clean Up Solvent:	Water

PO Box 6256
Mobile AL, 36606
1-800-771-6643

PRODUCT DATA SHEET
DTM Primer 3100

DESCRIPTION

DTM Primer is a durable primer for metal surfaces designed to enhance adhesion qualities of the AWS DTM 3000. Also acts as a rust inhibitor for metal wall surfaces.

ADVANTAGES

- Designed to be used as a rust primer to inhibit rust on metal surfaces.
- Excellent adhesion to rusted metal surfaces.
- Bonds to unstable substrates.
- Provides a tough, adhesive, durable film.
- Quick drying time.
- Environmentally safe.
- Easy to use, easy clean up, non-toxic and VOC compliant water based coating.

BASIC USES

Apply to metal walls prior to coating with AWS DTM 3000.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

Dull glossy surfaces with sandpaper or steelwool. Rusting surfaces must be cleaned of loose rust by wire brushing or sand blasting.

May be applied by brush, roller or spray, Stir material thoroughly before using. Paint at temperature between 50 degrees F and 95 degrees F. Allow 4 to 6 hours before recoating. Dampness and humidity will directly effect drying time. Clean equipment and area with soap and water.

- Spray: Airless sprayer. 1/2 g.p.m. capacity with a #517 tip.
- Brush: Good quality synthetic bristle brush.
- Roller: Short nap roller.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

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PRODUCT DATA SHEET
DTM Primer 3100

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	White or gray
Viscosity:	1,500 cps
Density, lb./gal:	9.41 ± .1
Percent Solids by Weight:	49% ± 1%
Flash Point:	Same as water.
Hardness, Shore A:	60 – 80
Tensile Strength at Max Stress:	N/A
% Elongation at Break:	N/A
Permeability:	N/A
Recommended Coverage:	Light Rust: 200 – 250 square feet per gallon. Heavy Rust: 100 – 150 square feet per gallon.
Min. Surface Application Temp.:	7.2°C / 45°F. Do not allow to freeze.

PO Box 6256
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PRODUCT DATA SHEET
Acrylic Clear Primer 9000

DESCRIPTION

Acrylic Clear Primer 9000 is designed to be a bonding primer for concrete block, masonry, and wood surfaces prior to applying the American WeatherStar wall coating.

ADVANTAGES

- Excellent adhesion to various surfaces.
- Easy to use, easy clean up, non-toxic and VOC compliant water based coating.
- Must be top-coated with either Acrylic Coat 2000 or other WeatherStar Coatings top coats.

BASIC USES

Apply to wood, masonry, or concrete block prior to coating with Acrylic Wall Coat 2000.

INSTALLATION

All surfaces to be coated must be cleaned properly. Power washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

May be applied by brush, roller or spray, Stir material thoroughly before using. Paint at temperature between 50 degrees F and 95 degrees F. Allow 4 to 6 hours before recoating. Dampness and humidity will directly effect drying time. Clean equipment and area with soap and water.

- Spray: Airless sprayer. 1/2 g.p.m. capacity with a #317 tip
- Brush: Good quality synthetic bristle brush.
- Roller: Short nap roller.

WARRANTY

American WeatherStar warrants that the material supplied will meet or exceed physical properties as published. The contractor guarantees that workmanship will be free of defects in coating application. Since performance of previously installed substrate is beyond the control of American WeatherStar or the contractor, requests for additional warranty coverage shall be subject to prior approval by American WeatherStar.

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PRODUCT DATA SHEET
Acrylic Clear Primer 9000

MAINTENANCE

Periodic maintenance of all American WeatherStar products, including cleaning, will ensure extended service life and maintain reflectivity.

TECHNICAL DATA

Color:	Clear
Viscosity:	1,000 cps
Density, lb./gal:	8.38 lbs. / gallon
Percent Solids by Weight:	31% ± 2%
Flash Point:	NA
Coverage:	Approximately 200 sq ft per gallon depending on texture of substrate.
Recommended Coverage:	One coat
Min. Surface Application Temp.:	55°F. Do not allow to freeze.
Drying Time:	Will depend on climate conditions. Allow at least 24 hours drying time between coats.