



Roof Renewal System ASC 15EC

For Application on New or Existing BUR/Modified Bitumen Roof, Single Ply, PVC, TPO, Metal Panel, CSPE/Hypalon

1

1 Coat of ASC 9 Emulsion

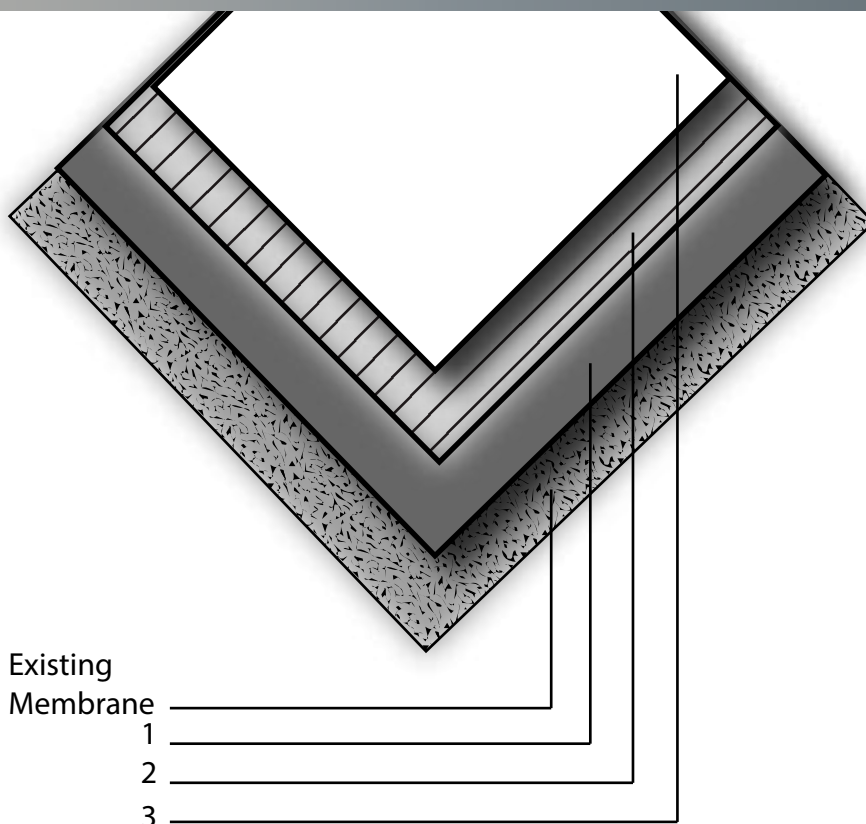
2

ASC F Polyester Fabric

3

2 Coats of ASC 1 Elastomeric Reflective Coating

 COOL ROOF RATING COUNCIL ©		<u>Initial</u>	<u>Weathered</u>
	Solar Reflectance	0.88	0.74
	Thermal Emittance	0.90	0.91
	Rated Product ID Number	1202-0001	
	Licensed Seller ID Number	1202	
	Classification	Production Line	
Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary. Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.			



Existing Membrane

1
2
3

Product	Rate	Set Time/Next Layer	Dry Weight
ASC 9 Emulsion	6 gallons/100sq.ft.	6 Hours	23.0 Lbs
ASC F Polyester Fabric	1 ply/100sq.ft		2.1 Lbs
ASC 1 Elastomeric Reflective Coating	1.5 gallons/100sq.ft.	4 Hours	11.0 Lbs
ASC 1 Elastomeric Reflective Coating	1.5 gallons/100sq.ft.	4 Hours	11.0 Lbs
ASC 15EC Roof Renewal System			47.1 Lbs

Quality Control: Applicator shall have general knowledge of roofing and a clear understanding of the ASC Roofing System specifications. For all warranties, the contractor must be authorized and approved by the manufacturer for the application of their material. Manufacturer shall certify that materials submitted have been used in like application.

Surface Preparation: Surfaces must be structurally sound, cleaned, dried, and free of moisture on and beneath the surface. Remove all dust, dirt, oil, loose granules and any other foreign contaminants. Remove any other loose, flaking, or existing waterproof coatings, which may affect the adhesion. For best results, remove all loose gravel, dirt or other contaminants by pressure washing, mechanically brooming or vacuuming the surface. Rusted metal should be cleaned with a wire brush.

Prior to application water must be swept out of all puddles, waterways, and birdbaths. Prior to application, ponding areas should be treated with ASC F Polyester Fabric set in ASC 1 Elastomeric Roof Coating.

Apply ASC 7 Elastomagic Cement to all pipe flashings, skylight flashings, corners, exposed metal joints, flanges, and around drains. It is recommended to repair all holes, leaks and cracks with ASC 7 Elastomagic Cement and ASC F Polyester Fabric. For application of ASC 7 Elastomagic Cement and ASC F Polyester Fabric in the Three Course Installation Method, contact your American Standard Coatings representative.

Acceptance of the substrate is the sole decision of the owner or appointed representative.

Environmental Conditions: Roofing System ASC 15EC should be applied in weather conditions that allow for proper application and drying time. The temperature must be 55°F and rising. Apply on warm, sunny day preferably in the morning to provide maximum cure time. Because the Roofing System is water based, it should not be applied during inclement weather or if inclement weather or temperatures below 55°F are expected within 48 hours of application. Do not apply when heavy dew or rain is expected within 24 hours. Temperature, air movement, and relative humidity will directly affect drying/curing time.

Storage and Handling: Do not store at temperatures below 50°F or above 120°F. Do not allow to freeze. Do not thin. When transporting this product, be sure the lid is tight and the pail is secured. Do not allow pail to tumble as this may loosen the lid and cause leakage or spillage.

For Further information and advice regarding transportation, handling, storage, and disposal of chemical products, users should refer to the actual Material Safety Data Sheet containing physical, ecological, toxicological, and other safety related data. It is highly recommended to read the actual Material Safety Data Sheet before using the product.

Materials:

ASC 1- ASC 1 is a white, acrylic based elastomeric reflective coating for waterproofing and prolonging roof life. This flexible and durable coating adheres to roofing substrates, such as asphalt and metal. Protective coating withstands elongation and significantly reduces roof temperature. ASC 1 is listed by CRRC and CA Title 24 complaint.

ASC 7- ASC 7 is a high-performance, water-based elastic cement sealing and patching compound ideal for roof repairs on most surfaces. ASC 7 is especially developed to seal cracks, detail areas and surface imperfections. Superior adhesion and flexibility is weather resistant and withstands extreme elongation.

ASC 9- ASC 9 Emulsion is a premium grade, water based clay stabilized asphalt emulsion. Developed for waterproofing and damp proofing new and existing roof surfaces. ASC 9 is designed to best waterproof concrete and foundations when used with ASC F Polyester Fabric. Dry film is resistant to cracking, running, sagging and re-emulsifying under harsh weather conditions. ASC 9 is a roof protectant and is waterproof once cured.

ASC F- Stitch bond 100% polyester fabric used for reinforcement. Available in firm or soft finish.

Prior To Application:

Wall Surfaces- Prior to application of Roofing System 15EC, embed one ply of polyester fabric into a coat of ASC 9 Emulsion, applied at a rate of 5 gallons per square on wall surfaces. The polyester fabric should extend over the wall, as necessary.

Roof Drain Details- Prior to application of Roofing System 15EC, remove clamping ring and clean as necessary. Embed a modified cap-sheet in drain sump, extending past the drain edges. Replace clamping ring. Around the outside edge of the drain, apply ASC 7 Elastomagic Cement in the Three Course Installation Method.

Application: Stir thoroughly before application to achieve a uniform consistency.

Apply with a brush, roller, soft broom, or squeegee. Apply ASC 9 Emulsion at a rate of 6 gallons per square. Immediately following embed ASC F Polyester Fabric. Lightly broom the polyester fabric into ASC 9 to achieve full saturation, smoothing out wrinkles or voids. Do not walk on the polyester during application. Allow to properly cure.

Once roof is properly prepared and ASC 9 Emulsion with embedded polyester fabric is properly cured, apply 2 coats of ASC 1 Elastomeric Reflective Coating. Apply with a heavy-duty paint roller or professional spray equipment. Apply first coat of ASC 1 Elastomeric Reflective Coating at a rate of 1.5 gallons per square. Once cured, apply second coat of ASC 1 Elastomeric Reflective Coating, perpendicular to the first coat, in a cross hatch fashion at a rate of 1.5 gallons per square. Allow at least four hours between coats.

Allow 24–48 hours for full cure, dependent upon weather conditions. Relative humidity will directly affect drying/curing time.