



ASC 1 Acrylic Over Metal

Warranty Period:
20 Years, NDL

Not To Scale

System
ASC-1-20-M

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 at a minimum of 2000psi, mechanically brooming or vacuuming the surface. Rusted metal should be cleaned with a wire brush. Apply ASC Rust Inhibitor at a rate of 1 gallon per square.

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 Acrylic 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.

All metal fasteners shall be addressed with ASC 7 Elastomagic Cement. Address all horizontal seams in the three course installation method.

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

Environmental Conditions: Roofing System ASC 1-20-M 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 compliant.

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.

Prior To Application:

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

Apply ASC P Acrylic Primer at a rate of 1/2 a gallon per square. Allow to properly cure.

Apply with a heavy-duty paint roller or professional spray equipment. Apply first coat of ASC 1 Acrylic Coating at a rate of 2 gallons per square. Allow to properly cure. Once cured, apply second coat of ASC 1 Acrylic Coating, perpendicular to the first coat, in a cross hatch fashion at a rate of 2 gallons per square.

Allow at least four hours between coats and 24–48 hours for full cure, dependent upon weather conditions. Relative humidity will directly affect drying/curing time.

System Weight:	25 lbs per square
Mil Thickness Per Pass (wet):	32 mils
Total Mil Thickness (dry):	34 mils



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