

## ASC X Over TPO

Warranty Period:  
15 Years, NDL

Not To Scale

System  
ASC-BCX-15-TPO

**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.

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.

Inspect all seams and three course, as needed.

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

**Environmental Conditions:** Roofing System ASC BCX-15-TPO 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 Base Coat-** ASC 1 Base Coat is a gray, acrylic base coat for waterproofing and prolonging roof life. This flexible and durable coating adheres to roofing substrates, such as asphalt and metal. ASC 1 Base Coat may be used as a base coat or as a top coat. Applied as a base coat, the protective coating withstands elongation.

**ASC X-** ASC X 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 X is listed by CRRC and CA Title 24 compliant.

**Prior To Application:**

**Roof Drain Details-** Prior to application of Roofing System ASC BCX-15-TPO, 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 ASC P-1000 Acrylic Super Primer at a rate of 1 gallon per square. Allow to properly cure.

Apply with a heavy-duty paint roller or professional spray equipment. Apply first coat of ASC 1 Base Coat at a rate of 3 gallons per square. Immediately following embed ASC F Polyester Fabric. Lightly broom the polyester fabric into ASC 1 Base Coat to achieve full saturation, smoothing out wrinkles or voids. Do not walk on the polyester during application. Allow to properly cure.

Stir thoroughly before application to achieve a uniform consistency. Apply with professional spray equipment, provided by American Standard Coatings. Apply one coat of ASC X One Coat at a rate of 3 gallons per square. Allow to properly cure. Relative humidity will directly affect drying/curing time.

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.

<b>System Weight:</b>	37.5 lbs per square
<b>Mil Thickness (wet):</b>	96 mils
<b>Mil Thickness (dry):</b>	51 mils

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