



TRI-BUILT® SBS CAP

SBS MODIFIED BITUMEN POLYESTER CAP SHEET WITH MINERAL SURFACE

PRODUCT USE: TRI-BUILT® SBS Cap is designed for use as a roofing membrane over various types of substrates for both new construction and re-roofing installations. It is suitable for most low sloped roof decks and may be used for roof system flashings including wall treatments, base flashings and field flashings.

LIMITATIONS: TRI-BUILT® SBS Cap is intended for application using hot asphalt or approved cold process adhesives. Rolls should be stored upright off the ground and completely protected against weather. Roof decks must be structurally sound, dry, smooth and meet or exceed minimum requirements of the deck manufacturer and local code.

PRODUCT COMPOSITION AND FEATURES: TRI-BUILT® products are manufactured on state-of-the-art, dedicated roofing lines that were exclusively designed for the production of modified bitumen products. TRI-BUILT® SBS Cap is produced with a high performance, stress-resistant polyester mat that is impregnated and coated with a superior grade, modified bitumen compound.

Roll Dimensions:	39 ³ / ₈ " x 32' 10"
Nominal Coverage:	One square
Approximate Weight:	93 lbs. per roll
Top Surface:	Mineral granule
Back Surface:	Fine sand, release agent

APPLICABLE STANDARDS: Meets ASTM D6164, Grade G, Type I.

MODIFIED BITUMEN COATING: Non-oxidized (flux) asphalt blended with various styrene-butadiene-styrene polymers.

Support Mat: High performance, stress-resistant polyester mat.

Test Description	Test Method	Results*
Softening Point:	ASTM D36	260°F
Tensile Strength:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	90/65 lbs./in.
	@ 0 +/- 3.6°F MD/XD	125/75 lbs./in.
Elongation:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	60%/120%
	@ 0 +/- 3.6°F MD/XD	35%/35%
Dimensional Stability:	ASTM D5147 MD/XD	0.1%/0.1%
Low Temperature Flex:	ASTM D5147	Pass @ -20°F
Compound Stability:	ASTM D5147	250°F
Thickness:	ASTM D5147	3.7 mm (145 mils)
Tear Strength:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	135/100 lbs.

*NOTE: Published results are nominal production values confirmed by independent laboratory testing.



The following information is intended for general information only and is not all-inclusive.

PREPARATION: Substrates to receive a roof system must be firmly attached, smooth, dry, clean and free of sharp projections and depressions. Substrates requiring priming must be primed with asphalt primer and be allowed to completely dry. Substrates must provide positive drainage. Roof must be tapered to drains.

INSTALLATION: Install one ply of base sheet lapping 2" on sides and 4" on ends. Base sheet must be mechanically fastened to nailable substrates and either solid or spot mopped in hot asphalt to non-nailable or insulated substrates. Apply base sheet in such a manner as to provide and maintain a minimum 6" offset between side and end laps of base ply and finishing membrane. Over the base ply, install one ply of TRI-BUILT® SBS Cap lapping 3" on sides and 6" on ends, with end laps diagonally staggered not less than 3' apart. Side and end laps must be fully adhered in a complete mopping of hot asphalt with asphalt extending approximately $\frac{3}{8}$ " beyond lap edge.

PRECAUTIONS: Cold weather applications require special handling to prevent damage to the rolls and ensure satisfactory installation. Do not apply roofing systems over improperly prepared substrates or substrates that contain moisture. Asphalt temperature at point of application must not fall below 425°F to ensure maximum adhesion between finishing membrane and base ply.

MAINTENANCE: TRI-BUILT® Roof Systems do not require any additional maintenance beyond normal yearly roof maintenance procedures. TRI-BUILT® recommends regular roof maintenance and inspection to determine the condition of drains, flashings and other similar items and to prolong the life expectancy of the roof system.