

TRIBUILT® SBS Cap Sheet

Product Description

TRI-BUILT® SBS Cap membranes are high quality elastomeric, SBS (Styrene-Butadiene-Styrene) modified asphalt roofing membranes specially designed for hot asphalt, cold adhesive or heat welding (with burn-off polyethylene) applications. Reinforced with a superior polyester membrane, the TRI-BUILT® SBS CAP exhibits exceptional tensile strength and puncture resistance. The granulated surface provides superior long term UV protection. Manufactured for the commercial, industrial and residential markets, the proprietary SBS asphalts and product composition will offer long term resistance to moisture, dimensional stability and flexibility.

The top surface of the TRI-BUILT® SBS Cap membrane has a granular finish available in a variety of colors. The membrane is free of granules along the selvage edge.

Uses

- High-quality SBS modified, granule surfaced for single or multi-ply systems
- New roofing, re-roofing and re-cover roofing and flashing details
- Hot asphalt or cold process

Features and Benefits

- Exceptional long-term weathering performance
- Superior flexibility, puncture resistance and dimensional stability
- Ease of application over broad spectrum of substrates and conditions



TEST METHOD	PROPERTY	TYPICAL VALUE
ASTM D5147	Thickness, typical, mm (mils)	4.0 (160)
ASTM D5147	Peak Load @ 23+/-2°C (73.4+/-3.6°F), MD and XMD, min, kN/m (lbf/in.)	8.8 (50)
ASTM D5147	Elongation @ 23+/-2°C (73.4+/-3.6°F), MD and XMD, min (%)	35
ASTM D5147	Tear Strength @ 23+/-2°C (73.4+/-3.6°F), min, N (lbf)	246 (55)
ASTM D5147	Low Temperature Flexibility, max, °C (°F)	-18 (0)
ASTM D5147	Granule Embedment, g	2

Product Data

Coverage (Nominal).....100 sq. ft.
 Weight (Approx).....102 lbs.
 Roll Size.....32'10" X 39³/₈" (10m x 1m)
 Rolls/Pallet.....20

Applicable Standards

- ASTM D 6164 Type I
- Factory Mutual Approved
- UL Classified for use in class A, B or C roofs, as listed the latest UL "Roofing Materials and Systems Directory"
- ICC ESR-2018



Available Colors

Black, White, Buff

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Application Instructions

TRI-BUILT® SBS Cap is intended to be used as the primary weathering surface in new or re-roof applications. TRI-BUILT® SBS Cap is to be applied as the outermost layer of a multi-ply roof system applied over a compatible cap sheet or inner-ply sheet. TRI-BUILT® SBS Cap may be applied directly to non-combustible substrates.

- Apply over clean, dry, dust and debris-free substrates. Prime concrete decks prior to application with Asphalt Primer.
- When re-roofing, remove all prior roofing materials down to a clean debris-free substrate and properly close-off all abandoned roof penetrations.
- Concrete or steel decks shall be designed with proper expansion devices.
- Wood decks shall have all joints blocked and properly supported.
- Ensure the fire rating of the assembly over any combustible substrate.
- Ensure the installation of TRI-BUILT® SBS Cap does not prevent the ventilation of existing construction.
- Do not apply over shingles or any granulated surface.
- While installing TRI-BUILT® SBS Cap:
 1. Start at the low point of the roof.
 2. Unroll the material and allow to relax.
 3. Install in a solid mopping of Type III or Type IV asphalt, Mod. Bit. Adhesive, or torch.
 4. Position successive rolls providing a minimum 6" end lap and 3" side lap.
 5. Matching loose granules may be sprinkled into the bleed out.
- Details and flashing may be installed using hot asphalt or cold application techniques. Check project details for proper installation requirements.

PRODUCT WARRANTY

TRI-BUILT® MATERIALS GROUP, LLC commercial roofing membranes can be backed with a manufacturer's warranty when used as part of an approved, multi-ply roofing system. Please see your TRI-BUILT® MATERIALS GROUP, LLC Sales or Technical Representative for specifications and details.

Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, TRI-BUILT® MATERIALS GROUP, LLC warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 5 years.

Refer to material safety data sheet (MSDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances.

TRI-BUILT® MATERIALS GROUP, LLC Materials Group reserves the right to improve and change its products at any time without prior notice. TRI-BUILT® MATERIALS GROUP, LLC cannot be held responsible for the use of its products under conditions beyond its own control.