TopShield® PRO
Uncompromising Commitment to Quality

SA Cap

Self-Adhering SBS Modified Bitumen Cap Sheet
For SA Roof Systems



PRODUCT INFO:

Product Use: TopShield®PRO SA Cap is designed for use as a cap membrane in multi-ply self-adhered systems. It is suitable for use in the construction of various roof membrane assemblies over a variety of substrates. It is intended for use over **TopShield® SA NailBase** or **TopShield® SA PlyBase**.



Gunmetal Gray	Russet Ridge	Weathered Wood	White	Thunder Black	Roasted Chestnut
TSP650430	TSP650432	TSP650433	TSP650435	TSP650434	TSP653416

SPECIFICATIONS	
Roll Dimensions:	39⅜" x 32' 11"
Coverage:	One Square
Approximate Weight:	95 lbs.
Top Surface:	Mineral Granules
Back Surface:	Removable Release Film
Packaging:	Individual Cartons (20 Rolls/Pallet)

Product Composition and Features: TopShield®PRO SA Cap is manufactured using a high performance, stress-resistant polyester mat impregnated and coated with a superior grade of modified bitumen compound. It is surfaced on the bottom with a removable release film and on the top with mineral granules. The combination mat provides excellent tear and puncture resistance.

APPLICABLE STANDARDS:

- Miami-Dade
- FBC #32658.R1
- ASTM D6164, Grade G, Type I, D7505, D1970 and CGSB 37 GP-56M Type 1a, Class A, Grade 1, ICC-ES (ESR-1388)
- Qualified for use as a component of a FORTIFIED Roof™

TEST DESCRIPTION	TEST METHOD	*RESULTS
Solar Reflectance Index (SRI):	ASTM E1980	28/24
Tensile Strength:	ASTM D5147 @ 73.4 +/- 3.6°F MD/XD @ 0 +/- 3.6°F MD/XD	80/55 lbs./in. 115/90 lbs./in.
Elongation:	ASTM D5147 @ 73.4 +/- 3.6°F MD/XD @ 0 +/- 3.6°F MD/XD	60%/65% 40%/40%
Dimensional Stability:	ASTM D5147	0.5%
Low Temperature Flex:	ASTM D5147	Pass @ 0°F
Thickness:	ASTM D5147	4.0 mm (160 mils)
Tear Strength:	@ 73.4 +/- 3.6°F MD/XD	110/80 lbs.

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

TECHNICAL DATA

Modifiec Bitumen Coating: Non-oxidized (flux) asphalt blended with elastomeric styrene-butadiene-styrene (SBS) polymer.

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

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SELF-ADHERING SBS MODIFIED BITUMEN CAP SHEET FOR SA ROOF SYSTEMS

PRODUCT APPLICATION:

Installation: Apply to **TopShield®PRO SA NailBase** or **TopShield®PRO PlyBase** working with lengths of membrane appropriate for proper handling. Overlap side laps 3" and end laps 6". Selvage edge with release strip is provided on **TopShield®PRO SA Cap**; position roll with selvage edge at the high side of the roof. Once the first cap sheet membrane length is in place, remove the top side lap to release film before overlapping the second length of **TopShield®PRO SA Cap**. Stagger side laps of T**opShield®PRO SA Cap** a minimum of 18" from those of the underlying **TopShield®PRO SA Base** and be certain end laps also are staggered minimum 36". At end laps (or any overlap onto mineral surface), use trowel grade TopShield® #33 modified bitumen adhesive uniformly in a 1/16" to 1/8" layer wherever an overlap exists to ensure an adequate bond. Cut opposing corners of end laps diagonally to avoid "T" seam joints. Use a heavy, weighted roller to smooth and secure the membrane.

Deck Preparation: TopShield® recommends the use of **TopShield®PRO SA NailBase** in conjunction with all selfadhering membrane roof installations on nailable substrates. Non-nailable roof decks may receive direct application of **TopShield®PRO SA PlyBase** followed by **TopShield®PRO SA Cap**, provided the deck is thoroughly primed using **TopShield® #56 SA**. It should be noted that without the use of a nailable base sheet, the membrane may be difficult to remove if removal is ever warranted and certain UL listings for the product may not apply.

Precautions: TopShield®PRO SA Cap must be applied as part of a self-adhered system. It is not intended for use with hot asphalt, cold adhesives or torch-down applications. Roof decks must be structurally sound, dry and smooth, and meet or exceed minimum requirements of the deck manufacturer, local code and CertainTeed. Don't attempt application if ice, snow, moisture or dew is present. Surface to be bonded to must be clean, dry and free from any dust or deterrent to adhesion. Ambient temperature must be 50°F or above. Don't attempt installation on roofs without adequate slope and drainage. Additional specifications and precautions are contained in the CertainTeed Commercial Roof Systems Specifications.

STORAGE AND HANDLING:

TopShield®PRO SA rolls must be stored above ground indoors and protected from the elements. Rolls that are improperly stored or have been on hand for prolonged periods of time may lose their tack. Do not attempt to install rolls that do not exhibit an adequate bond.

WARRANTIES:

SRS Distribution (SRS) warrants to the original building owner (Owner) that the Product described above, will remain free of manufacturing defects until the Warranty Expiration Date.

Scan the QR code to access additional information

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