

SA Cap

SELF-ADHERED SBS MODIFIED BITUMINOUS CAP SHEET

StormGear™ SA Cap Sheet is a premium, SBS modified, granule surfaced, polyester reinforced, self-adhesive modified bituminous cap sheet membrane for use in most low slope and steep slope roof system applications. StormGear™ SA Cap is a perfect alternative to the application of roofing using conventional application methods of torching, hot asphalt mopping, or using cold applied adhesives.



FEATURES AND BENEFITS

- Time-tested “Dual Compound” based SBS peel and stick membrane
- No specific tools required. Clean, easy to handle, peel and stick self-adhering application
- No fumes during application, eliminating odors caused by adhesives and hot asphalt
- 30-40% quicker installation than conventional application
- Excellent granule adhesion
- Polyester reinforcement offers superior tensile, tear and elongation properties and ensures exceptional dimensional stability
- Well defined four inch peel and stick side lap
- Peel and stick selvage results in instant, watertight lap bond (5X of competitor products)
- Adheres to a variety of substrates
- Meets and/or exceeds the applicable sections of ASTM D 6164 and ASTM D 1970 specifications
- Miami Dade County approved
- ICC approved
- Florida Building Code approved
- Product qualified for use as a component of a FORTIFIED Roof™*
- Texas Department of Insurance approved
- 10, 15, 20 and 25 Year Limited Warranties

*StormGear™ SA Cap is designed for use in a FORTIFIED® Roof assembly when paired with StormGear™ SA Base as the base layer, forming a complete system. FORTIFIED® is a registered trademark of the Insurance Institute for Business & Home Safety. Compliance depends on full assembly design, approved installation methods, and project-specific requirements.

PRODUCT DATA

Width	36 in
Length	36 ft
Thickness	140 mil (nominal)
Gross Coverage	108 sq ft
Weight	95 lb (nominal)

AVAILABLE COLORS



PROPERTIES

PROPERTY	TYPICAL VALUES	REF TEST
Max Load @ 0°F, MD & XMD	110/100 lbf/in	ASTM D6164
Elongation @ 0°F, MD & XMD	45% / 35%	ASTM D6164
Max Load @ 73.4°F, MD & XMD	105/80 lbf/in	ASTM D6164
Elongation @ 73.4°F MD & XMD	70% / 70%	ASTM D6164
Tear Strength @ 73.4°F	140/125 lbf	ASTM D6164
Low Temperature Flexibility @ 0°F	Pass	ASTM D6164
Dimensional Stability, MD & XMD	0.5%	ASTM D6164
Compound Stability @ 215°F	Pass	ASTM D6164
Granule Adhesion	1 gram loss	ASTM D4977
Adhesion to Plywood @ 40°F	4 lb/ft of width	ASTM D1970
Adhesion to Plywood @ 75°F	25 lb/ft of width	ASTM D1970
Thermal Stability, max	0.1 in	ASTM D1970

USAGE

StormGear™ SA Cap is a cost-effective, easy-to-apply general purpose roofing sheets designed for use in new roofing and re-roofing. They are ideally suited for residential low-slope applications such as porches and carports or as flashing materials.

STORAGE

- StormGear™ SA Cap rolls must be stored indoors, in a dry location.
- Boxes must be stored on end only. Do not store in a leaning position.
- The rolls must be protected from the elements. Do not expose rolls to direct sunlight.
- Store rolls at room temperatures. Prolonged exposure to elevated temperatures may reduce the adhesive characteristics of the membrane.

GENERAL PRECAUTIONS

- Install StormGear™ SA only when material interface temperatures (air, deck, material) are 40°F and rising.
- Do not install when any form of moisture such as water, ice, snow, dew, rain, etc. is present.
- Ensure roof has proper slope and drainage prior to installation. The roof must meet StormGear™ minimum slope requirements.
- Proper ventilation is critical. When applying over the entire roof deck, the roofing system must provide sufficient ventilation, including both ridge and soffit venting.
- A full, irreversible adhesion is achieved when the membrane goes through a complete heat cycle. Do not attempt to remove the membrane immediately after adhesion to the substrate.
- Use of a hand-held "hot air gun" might help enhance adhesion during application of membrane in cooler weather.

SURFACE PREPARATION

- Surface must be clean, dry, and without voids that may interfere with adhesion.
- For re-roofing, all old roofing and other loose materials must be removed prior to installation.
- When adhering to StormGear™ SA Base self-adhering base sheet, remove any loose film from the StormGear™ SA Base surface.
- If the StormGear™ SA Base self-adhering base sheet has been left exposed for more than 30 days, prime the StormGear™ SA Base surface prior to installation of the StormGear™ SA Cap membrane.
- For best results, StormGear™ SA Base surface may be primed with an ASTM D 41 Primer prior to installation of StormGear™ SA Cap. When primer is used, ensure the primer is fully dry prior to application of StormGear™ SA.

APPLICATION

- Cut the StormGear™ SA Cap roll to suitable, manageable lengths before installation.

- Position the pre-cut SA Cap beginning at the lowest corner of the roof where the eave (gutter edge) and rake (rising edge) intersect.
- Align SA Cap so that it is parallel with the edge of the eave and extend over the eave and rake approx. 3/8".
- Starting at the middle and extending to one end of SA Cap, drive securing nails in 18" centers in the side lap area, 1 1/2" from the edge. Do not drive the nails all the way in.
- Backroll the unsecured portion of the roll up the middle where the first securing nail is driven.
- Apply a 1/16" thick layer of asphalt plastic cement over the eave and rake metal drip edges extending 2" to 3" onto the deck surface where the roll will intersect.
- Carefully remove the release film the full width of the sheet and apply the StormGear™ SA Cap membrane firmly into place as it is being applied, taking care to avoid wrinkling or creasing of the roll.
- Remove the securing nails from the other half of SA Cap, backroll and apply in like manner.
- On slopes greater than 2:12, drive nails flush in the selvage area 1 1/2" from the edge on 18" centers, after SA Cap has been applied and prior to the next overlapping course.
- Apply the next eave course in the same manner overlapping the first course at the end lap by 6".
- Apply a uniform 1/16" thick layer of asphalt plastic cement the full roll width to the surface of the first course in the 6" end lap area before adhering the next course.
- Remove release film covering the selvage, if present, prior to application of the sheet.
- Lap the succeeding course over the side lap area just to the granular edge of the preceding course.
- Apply succeeding courses in like manner, as in steps above.
- Stagger the end laps a minimum 3' from the preceding course.
- At the T-joint (where an end lap and next overlapping course intersect), apply a bead of roofing lap cement before the overlapping course is laid.
- Roll the entire membrane surface, paying special attention to side laps, end laps and T-joints. Roller weight shall be 70 lb. minimum for low slope (<2:12 pitch) and 28 lb. minimum for steep slope (>2:12 pitch).

WARRANTY

TopShield® offers 10, 15, 20 and 25 Year Limited Warranties.

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