

Flintlastic® SA CAP FR CoolStar®

Self-adhered fire-resistant, SBS-modified bitumen cap sheet with highly reflective mineral surface

PRODUCT INFORMATION

Flintlastic® SA Cap FR CoolStar® is designed for use as a fire-resistant cap for self-adhered modified bitumen roof systems over various types of substrates for new construction and reroofing where UL Class A fire performance and/or UL Class 4 impact resistance is desired. It may be paired with Flintlastic SA NailBase, Flintlastic SA PlyBase and/or Flintlastic SA MidPly base or interply sheets. 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.

Precautions: Flintlastic modified bitumen roofing systems must be applied in accordance with installation procedures listed in the CertainTeed Commercial Roof Systems Specifications. Flintlastic SA Cap FR CoolStar is intended for self-adhered application only and should not be exposed to flame, adhesives or solvent-based materials.

Roof decks must be structurally sound, dry, smooth and meet or exceed minimum requirements of the deck manufacturer, local code and CertainTeed.

Product Composition and Features: Flintlastic SA Cap FR CoolStar is manufactured using a heavy duty, fiberglass reinforced mat that is saturated and coated with SBS-modified bitumen compound. The fiberglass mat provides excellent rooftop strength and toughness. Flintlastic SA Cap FR CoolStar's modified bitumen compound provides moisture resistance, durability and flexibility, especially in lower temperatures. It is surfaced on the bottom with a removable release film and on the top with highly reflective granules to support energy conservation, and reduce rooftop stress associated with elevated temperatures and expansion/contraction.



KEY PRODUCT DETAILS

<i>Roll Dimensions:</i>	39-3/8" X 32' 11"
<i>Nominal Coverage:</i>	One square
<i>Approximate Weight:</i>	95 lbs. per roll
<i>Top Surface:</i>	Highly reflective CoolStar granules
<i>Back Surface:</i>	Removable release agent
<i>Packaging:</i>	Individual cartons (25 rolls per pallet)
<i>Compound:</i>	Non-oxidized (flux) asphalt, blended with elastomeric styrene-butadiene-styrene (SBS) polymer
<i>Reinforcement:</i>	High performance, stress-resistant polyester mat.

APPLICATION METHOD



Self-Adhered

CODES AND APPROVALS



Underwriters Laboratories for use in various Class A, B and C roof assemblies



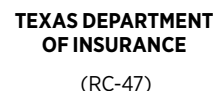
Meets ASTM D6164, Grade G, Type I, D7505 and CGSB37, GP-56m, Type 1a, Class A, Grade 1



Florida Building Code Statewide (FL 2533 and FL 16709)



Product code ID 0668-0146



PHYSICAL PROPERTIES

Test Description	Test Method	Results*
<i>Solar Reflectance (SR):</i>	ASTM D7897	.57
<i>Solar Reflectance Index (SRI):</i>	ASTM E1980	68
<i>Tensile Strength:</i>	ASTM D5147 @ 73.4°F ± 3.6°F MD/XD @ 0 ± 3.6° MD/XD	65/55 lbs./in. 120/125 lbs./in.
<i>Elongation:</i>	ASTM D5147 @ 73.4°F ± 3.6° MD/XD @ 0 ± 3.6°F MD/XD	4%/4% 4%/4%
<i>Dimensional Stability:</i>	ASTM D5147	0.1%
<i>Low Temperature Flex:</i>	ASTM D5147	Pass @ 0°F
<i>Thickness:</i>	ASTM D5147	3.2 mm (126 mils)
<i>Tear Strength:</i>	ASTM D5147 @ 73.4°F ± 3.6° MD/XD	120/120 lbs.
<i>Application to SA PlyBase:</i>	AC75/ASTM C903 @ 73.4°F @ 40.0°F	80 lbs./ft. 115 lbs./ft.

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

STORAGE AND HANDLING

Flintlastic 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.



For detailed installation instructions and precautions, refer to the CertainTeed Commercial Roof Systems Specifications Manual or contact Commercial Roofing Technical Services.

WARRANTIES

CertainTeed offers Limited (product only) and No Dollar Limit (NDL, product and workmanship) warranties. Warranty type and duration is dependent on roof system configuration and contractor selection. CertainTeed Gold and Silver Star Contractors are eligible to apply for NDL warranties on specific roof projects. For more information, see CertainTeed Commercial Roof Systems Specifications Manual or contact Commercial Roofing Technical Services.

TECHNICAL ASSISTANCE AND SERVICES

CertainTeed provides technical assistance in the design, selection, specification and application guidelines of CertainTeed's Commercial Roof Systems. Architectural and field representatives are available for consultation within each region.

For more information, contact CertainTeed Commercial Roofing Technical Services at 800-396-8134 x2.



CertainTeed

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