

FLINTLASTIC® FR CAP 30 COOLSTAR®

**FIRE-RESISTANT, SBS-MODIFIED BITUMEN
FIBERGLASS CAP SHEET WITH HIGHLY REFLECTIVE
MINERAL SURFACE**



Product Information



Product Use: Flintlastic® FR Cap 30 CoolStar® is a fire rated, glass mat cap membrane used in two-ply or multi-layer modified bitumen fire rated roofing systems. It is designed for use as a cap membrane over inorganic roofing systems. Flintlastic FR Cap 30 CoolStar is suitable for both new construction and reroofing membranes over a variety of substrates. It is surfaced with highly reflective CoolStar granules to provide a durable, heat reflective weathering surface. Flintlastic FR Cap 30 CoolStar is reinforced with a tough fibrous glass fabric.

Precautions: Flintlastic FR Cap 30 CoolStar roof systems must be applied in accordance with installation procedures listed in the CertainTeed Commercial Roof Systems Specifications. The following information is intended for general information purposes only and is not all-inclusive. Flintlastic FR Cap 30 CoolStar is intended for hot asphalt application or approved cold adhesive such as FlintBond®. Rolls should be stored upright off the ground and completely protected from the weather. Roof decks must be structurally sound, dry, smooth and meet or exceed minimum requirements of the deck manufacturer, local code and CertainTeed. Additional general recommendations, precautions, and specifications are found in CertainTeed Commercial Roof Systems Specifications

Product Composition and Features: Flintlastic FR Cap 30 CoolStar is reinforced with a heavy duty fiberglass reinforcement mat that receives a heavy coating of fire-retardant modified bitumen compound. Flintlastic FR Cap 30 CoolStar is manufactured on state-of-the-art, dedicated roofing lines that were exclusively designed for the production of modified bitumen roofing membrane.

Roll Dimensions:	39-3/8" X 32' 10"
Nominal Coverage:	One square
Approximate Weight:	88 lbs. per roll
Top Surface:	Highly reflective CoolStar granules
Back Surface:	Fine sand, release agent

Applicable Standards: Meets ASTM D6163, Grade G, Type I. Flintlastic FR Cap 30 CoolStar is approved by Underwriters Laboratories for use in various Class A, B and C roof assemblies, by ICC (ESR-1388), Factory Mutual, Miami-Dade, Florida Building Code Statewide Approval (FL 2533 and FL 16709) and Texas Department of Insurance (RC-47). Flintlastic FR Cap 30 CoolStar is an approved ENERGY STAR® product. Flintlastic FR Cap 30 CoolStar can be used to comply with the 2019 California Title 24 Part 6 Cool Roof Requirements, CRRC product ID 0668-0146.



Technical Data

Modified Bitumen Coating: Non-oxidized (flux) asphalt, blended with a compatible elastomeric styrene-butadiene-styrene polymer and selected inert fillers.

Support Mat: Heavy duty fiberglass reinforcement mat.

Test Description	Test Method	Results*
Solar Reflectance Index (SRI) Initial/Aged:	ASTM E1980	87/75
Solar Reflectance Index (SR) Initial/Aged:	ASTM D7897	.71/.62
Softening Point:	ASTM D36	260°F
Tensile Strength:	ASTM D5147 @ 73.4°F ±3.6° MD/XD @ 0°F ±3.6° MD/XD	60/60 lbs./in. 135/110 lbs./in.
Elongation:	ASTM D5147 @ 73.4°F ±3.6° MD/XD @ 0°F ±3.6° MD/XD	4%/4% 5%/5%
Dimensional Stability:	ASTM D5147 MD/XD	0.1/0.1 Max
Low Temperature Flex:	ASTM D5147	Pass @ -15°F
Compound Stability:	ASTM D5147	250°F
Thickness:	ASTM D5147	3.3 mm (130 mils)
Tear Strength:	ASTM D5147 @ 73.4°F ±3.6° MD/XD	120/110 lbs.

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



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. Only CertainTeed Gold and Silver Star Contractors are eligible to apply for NDL warranties on specific roof projects.

Technical Assistance and Services

CertainTeed provides technical assistance in the product selection specification and application guidelines for all CertainTeed commercial roof systems. Field representatives are available for consultation in each region.

For more information, contact CertainTeed Commercial Roofing Technical Services at 800-396-8134 ext. 2 or rpg.com.services@saint-gobain.com.



CertainTeed

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20 Moores Road Malvern, PA 19355 Professional: 800-233-8990 Consumer: 800-782-8777 certainteeted.com