

FLINTLASTIC® FR CAP 30 T COOLSTAR®

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



Product Information



Product Use: Flintlastic® FR Cap 30 T 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 in built-up roofing systems. It is surfaced with highly reflective CoolStar granules. It is reinforcement with a tough fibrous glass fabric. Flintlastic FR Cap 30 T CoolStar is suitable for both new construction and reroofing membranes over a variety of substrates.

Precautions: Flintlastic FR Cap 30 T 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 T CoolStar is intended for torch application. 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 T CoolStar is reinforced with a heavy duty fiberglass reinforcement mat that receives a heavy coating of weathering grade rubberized asphalt. Flintlastic FR Cap 30 T 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: 98 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 T CoolStar is approved by Underwriters Laboratories for use in various Class A, B and C roof assemblies, ICC-ES (ESR-1388) Florida Building Code Statewide Approval (FL 2533 and FL 16709), Texas Department of Insurance (RC-47), and Factory Mutual. Flintlastic FR Cap 30 T CoolStar is an approved ENERGY STAR® product. Flintlastic FR Cap 30 T 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 (SR) Initial/Aged:	ASTM D7897	.71/.62
Softening Point:	ASTM D36	260°F
Tensile Strength:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	65/55 lbs./in.
	@ 0 +/- 3.6°F MD/XD	140/80 lbs./in.
Elongation:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	4%/4%
	@ 0 +/- 3.6°F MD/XD	5%/5%
Dimensional Stability:	ASTM D5147 MD/XD	0.1/0.1 Max
Low Temperature Flex:	ASTM D5147	Pass @ -20°F
Compound Stability:	ASTM D5147	250°F
Thickness:	ASTM D5147	3.8 mm (150 mils)
Tear Strength:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	145/105 lbs.



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

Product Application

Maintenance: CertainTeed Commercial Roof Systems do not require any additional maintenance beyond normal roof maintenance procedures. CertainTeed recommends regular roof maintenance and inspection to determine the condition of drains, flashings and other similar items, and to prolong the life expectancy of the roof system.

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.

Caution: Fire Hazard

Torch-down application of this product may create a risk of fire including smoldering fires. The roofing applicator is solely responsible for ensuring and enforcing safe and proper application of CertainTeed products by competent and qualified personnel. Only properly trained roofing professionals are authorized to install this product.

Never apply flame directly to combustible materials or allow the flame to enter into hidden or protected areas that may contain combustible materials. Follow all local code requirements. Have a Class A-B-C fire extinguisher available to each applicator. Thoroughly inspect the job site whenever torching equipment has been used. Be certain that all chances of a fire have been eliminated.

Refer to the CertainTeed Commercial Roof Systems Specifications, Midwestern Roofing Contractors Association (MRCA) CERTA program, National LP Gas Association, National Roofing Contractors Association (NRCA), National Fire Protection Association (NFPA), and Asphalt Roofing Manufacturers Association (ARMA) for further information and safety recommendations.



CertainTeed

CEILING • DECKING • FENCE • GYPSUM • INSULATION • RAILING • ROOFING • SIDING • TRIM

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