

FLINTGLAS® MS CAP SHEET COOLSTAR® NON-MODIFIED ASPHALT COATED FIBERGLASS CAP SHEET WITH HIGHLY REFLECTIVE MINERAL SURFACE

Product Information



Product Use: Flintglas® MS Cap Sheet CoolStar® is designed for use as a cap sheet for hot asphalt applied built-up roof systems. It is surfaced with highly reflective CoolStar granules to provide a durable, heat-reflective weathering surface. It is suitable for both new construction and reroofing applications over a variety of substrates.

Precautions: Roof systems using Flintglas MS Cap Sheet CoolStar must be applied in accordance with installation procedures contained in the CertainTeed Commercial Roof Systems Specifications. Cold weather applications require special handling to prevent damage to the rolls and ensure satisfactory installation. Do not apply roofing systems over improperly prepared substrates or substrates that contain moisture. Flintglas MS Cap Sheet CoolStar may be applied in either hot asphalt or approved cold adhesive such as CertainTeed's 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. Roof decks must provide positive drainage. Additional general recommendations, precautions, and specifications are found in CertainTeed Commercial Roof Systems Specifications.

Product Composition and Features: Flintglas MS Cap Sheet CoolStar is manufactured using an extra strength fiberglass reinforcement mat that receives a heavy coating of weathering grade asphalt and is surfaced with highly reflective CoolStar granules. The fiberglass mat provides excellent strength and dimensional stability. The highly reflective granules support energy conservation, reduce rooftop stress associated with elevated temperatures and expansion/contraction.

Roll Dimensions: 39³/₈" X 32' 10"
Nominal Coverage: One square
Approximate Weight: 80 lbs. per roll
Top Surfacing: Highly reflective CoolStar granules

Applicable Standards: Meets ASTM D3909. Flintglas MS Cap Sheet CoolStar is approved by Underwriters Laboratories for use in various Class A, B and C roof assemblies under UL Designation G-3, Factory Mutual, Miami-Dade, Florida Building Code Statewide Approval (FL 477) and Texas Department of Insurance (RC-47). Flintglas MS Cap Sheet CoolStar can be used to comply with the 2016 California Title 24 Part 6 Cool Roof Requirements, CRRC product ID 0668-0137.



The following information represents typical average properties of Flintglas MS Cap Sheet CoolStar.

Support Mat: Extra strength fiberglass reinforcement mat.

Technical Data

Test Description	Test Method	Results*
Solar Reflectance (SR) Initial/Aged:	ASTM D7897 Rapid Rating	.69/.65
Solar Reflectance Index (SRI) Initial/Aged:	ASTM E1980-79	84/79
Thickness:	ASTM D5147	3.0 mm (120 mils)
Tensile Strength:	ASTM D5147 @73°F MD/XD	70/55 lbs./in.
Tear Strength:	ASTM D228 MD/XD	2700/2600 grams

*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.



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