

Flintlastic® GTA CoolStar®

APP modified bitumen polyester cap sheet with highly reflective mineral surface

PRODUCT INFORMATION

CertainTeed's highly solar-reflective, granulated, torch-applied, APP-modified bitumen cap sheet, Flintlastic® GTA CoolStar® is valued for its quick melt and decades of consistent quality while delivering increased occupant comfort and energy savings.

Product Composition and Features: Flintlastic GTA CoolStar is a robust 4.0 mm membrane manufactured with a resilient polyester reinforcement, offering exceptional durability and resistance to weathering while reducing thermal heat gain, improving building comfort and reducing energy cost.



APPLICATION METHOD



Torch

KEY PRODUCT DETAILS

<i>Roll Dimensions:</i>	39-3/8" X 32' 10"
<i>Nominal Coverage:</i>	One square
<i>Approximate Weight:</i>	93 lbs. per roll
<i>Top Surface:</i>	Highly reflective CoolStar granules
<i>Back Surface:</i>	Torchable polyethylene film
<i>Packaging:</i>	25 rolls per pallet
<i>Compound:</i>	Non-oxidized (flux) asphalt, blended with various thermoplastic atactic polypropylene polymers and co-polymers.
<i>Reinforcement:</i>	High performance, stress-resistant polyester mat.

CODES AND APPROVALS



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



Miami-Dade County Product Control Approved
Florida Building Code Statewide (FL 2533 and FL 16709)



Product code ID 0668-0133a

TEXAS DEPARTMENT OF INSURANCE

(RC-47)

ASTM INTERNATIONAL

Meets or exceeds ASTM D6222, Grade G, Type I



PHYSICAL PROPERTIES

Test Description	Test Method	Results*
<i>Solar Reflectance (SR) Initial/Aged:</i>	ASTM D7897 Rapid Rating	.73/.63
<i>Solar Reflectance Index (SRI) Initial/Aged:</i>	ASTM E1980-79 Rapid Rating	90/76
<i>Softening Point:</i>	ASTM D36	310°F
<i>Tensile Strength:</i>	ASTM D5147 @ 73.4 +/- 3.6°F MD/XD @ 0 +/- 3.6°F MD/XD	100/60 lbs./in. 130/80 lbs./in.
<i>Elongation:</i>	ASTM D5147 @ 73.4 +/- 3.6°F MD/XD @ 0 +/- 3.6°F MD/XD	45%/55% 30%/20%
<i>Dimensional Stability:</i>	ASTM D5147 MD/XD	0.5%/0.3%
<i>Low Temperature Flex:</i>	ASTM D5147	Pass @ 8°F
<i>Compound Stability:</i>	ASTM D5147	250°F
<i>Thickness:</i>	ASTM D5147	4.0 mm (157 mils)
<i>Tear Strength:</i>	ASTM D5147 @ 73.4 +/- 3.6°F MD/XD	130/90 lbs.

***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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