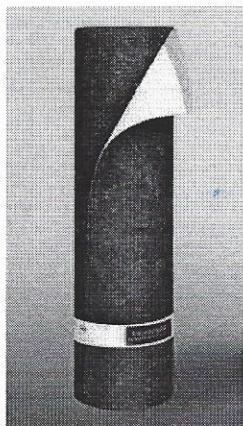




Product Information



FLINTLASTIC® GTA™ COOLSTAR™

**APP MODIFIED BITUMEN ROLL ROOFING
WITH HIGHLY REFLECTIVE COOLSTAR GRANULES**



Product Use: FLINTLASTIC GTA COOLSTAR is designed for use as a roofing membrane over various types of substrates for both new construction and reroofing installations. 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.

Limitations: FLINTLASTIC GTA COOLSTAR is intended for torch application only and should not be exposed to adhesives or solvent based materials. Rolls should be stored upright, off ground, completely protected from the weather. Roof decks shall be structurally sound, dry, smooth and meet or exceed minimum requirements of the deck manufacturer, local code and CertainTeed. Additional specifications and precautions are contained in the CertainTeed Commercial Roof Systems Manual.

Product Composition and Features: FLINTLASTIC modified bitumen membranes are manufactured on state-of-the-art, dedicated roofing lines that were exclusively designed for the production of modified bitumen products. FLINTLASTIC GTA COOLSTAR is produced with a high performance, non-woven polyester mat which is impregnated and coated with a superior grade, modified bitumen compound, and surfaced with highly reflective CoolStar granules.

Roll Dimensions: 39³/₈" X 32'10"
Coverage: One square
Approximate Weight: 106 lbs. per roll
Top Surface: Highly reflective CoolStar granules
Back Surface: Torchable polyethylene film

Applicable Standards: Meets ASTM D6222, Grade G, Type I. FLINTLASTIC GTA COOLSTAR is approved by Underwriters Laboratories for use in various Class A, B, and C roof assemblies, with aggregate and other types of optional surfacings, by ICC-ES (ESR-1388), Factory Mutual, Miami-Dade, Florida Building Code Statewide Approval (FL2533), and Texas Department of Insurance. FLINTLASTIC GTA COOLSTAR is an approved ENERGY STAR® product. Initial Solar Reflectance: 0.74; Aged Solar Reflectance: 0.63; Initial Thermal Emittance: 0.88. FLINTLASTIC GTA COOLSTAR is also approved by the Cool Roof Rating Council (CRRC). The CRRC product ID is 0668-0081.



Modified Bitumen Coating: Non-oxidized (flux) asphalt, blended with various thermoplastic atactic polypropylene polymers and co-polymers.

Support Mat: High performance, puncture and tear resistant, non-woven polyester mat.

Technical Data

Test Description	Test Method	Results*
Solar Reflectance Index (SRI):	ASTM E1980	92.0
Softening Point:	ASTM D36	310°F
Tensile Strength:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	105/60 lbs./in.
	@ 0 +/- 3.6°F MD/XD	130/80 lbs./in.
Elongation:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	50%/55%
	@ 0 +/- 3.6°F MD/XD	30%/20%
Dimensional Stability:	ASTM D5147 MD/XD	0.5%/0.3%
Low Temperature Flex:	ASTM D5147	Pass @ 8°F
Compound Stability:	ASTM D5147	250°F
Thickness:	ASTM D5147	4.0mm (156 mils)
Tear Strength:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	155/95 lbs.

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