

FLINTLASTIC[®] GTA (FR) & STA (PLUS)

APP-Modified Bitumen for Torch Application

Torch-Applied & Tough

Asphalt membranes modified with atactic polypropylene (APP) are widely valued for their strength, and ability to resist cracking, blistering and oxidation after years of UV exposure. CertainTeed offers six Flintlastic® torch-applied, APP-Modified products:

Product	Role	Thickness	Weight	Coverage	ASTM	Why Buy?
Flintlastic® STA	Base, Ply, Cap	3.8 mm (150 mils)	86 lbs.	100 sq. ft.	D6222, Grade S, Type I	<p>Versatile product combines strength of APP with the stress-resilience of its polyester reinforcement mat.</p> <p><i>Using as base or ply:</i> Same benefit as APP-Base T plus premium product allows for extended warranties (see rear).</p> <p><i>Using as cap:</i> Quick torch installation with granule-free, forgiving selvage edge.</p>
Flintlastic STA Plus	Base, Ply, Cap	4.5 mm (177 mils)	98 lbs.	100 sq. ft.	D6222, Grade S, Type I	See “Flintlastic STA” plus premium product allows for extended warranties (see rear).
Flintlastic GTA	Cap	4.0 mm (160 mils)	103 lbs.	100 sq. ft.	D6222, Grade G, Type I	Workhorse granule-surfaced cap sheet combines strength of APP with the stress-resilience of its polyester reinforcement mat.
Flintlastic GTA-FR	Cap	4.0 mm (160 mils)	103 lbs.	100 sq. ft.	D6222, Grade G, Type I	See “Flintlastic GTA”; fire retardant additives enables enhanced fire rating.
Flintlastic GTA CoolStar®	Cap	4.0 mm (160 mils)	93 lbs.	100 sq. ft.	D6222, Grade G, Type I	See “Flintlastic GTA” plus highly reflective, granules. Reduce thermal heat gain, improving building comfort and reducing energy cost.
Flintlastic GTA-FR CoolStar®	Cap	4.0 mm (160 mils)	98 lbs.	100 sq. ft.	D6222, Grade G, Type I	See “Flintlastic GTA-FR” plus highly reflective, granules. Reduce thermal heat gain, improving building comfort and reducing energy cost.

There’s a method to our madness! CertainTeed Asphaltic Membrane Product Name Nomenclature: *Surface/Application/Material (i.e. Granular/Torch/APP)*

Cap Colors



	GTA	GTA-FR
BURNT SIENNA	S	
COLONIAL SLATE	S	
COOLSTAR	S	S
HEATHER BLEND	S	
MOIRÉ BLACK	S	S*
RESAWN SHAKE	S	
WEATHERED WOOD	S	
WHITE	S	S

Coat Flintlastic STA and STA Plus with SMARTCOAT™ to meet warranty requirements and reduce energy burden through reflective surfacing.

S = Indicates stocked, at minimum, in Little Rock, Arkansas manufacturing plant; check CertainTeed Plant Catalogs for additional stocking locations; any product stocked in Little Rock is available nationwide

**Only stocked in California*

Popular Systems

System/ Warranty	Insulation/ CoverBoard	Base	Ply	Cap (Torch)	Applicable Specifications
12 Years ¹	Optional	Glasbase® Base Sheet (MF)	—	Flintlastic® GTA (CoolStar®) ²	APP-N-2-T APP-IN-2-T
12 Years ³	Optional	All Weather/Empire® Base Sheet (MF)	—	Flintlastic STA with coating	APP-IN-2-T APP-N-2-T
15 Years ⁴	Optional	All Weather/Empire Base Sheet (MF)	Black Diamond® Base Sheet (SA)	Flintlastic GTA-FR (CoolStar) ²	APP-IN-3-T APP-N-3-T
20 Years ⁶	Optional	Black Diamond Base Sheet (SA)	—	Flintlastic GTA or STA Plus with coating	APP-C-2-T APP-I-2-T
20 Years ⁴	Optional ⁴	All Weather/Empire Base Sheet (MF/HA)	Flintlastic Ultra Glass SA (SA)	Flintlastic GTA-FR (CoolStar) ²	APP-N-3-T APP-IN-3-T APP-I-3-T APP-C-3-T
25 Years ⁷	Double layer, second layer adhered	Flintlastic Ultra Glass SA (SA)	—	Flintlastic GTA-FR (CoolStar) ² or Flintlastic STA Plus with coating ⁶	APP-I-2-T
25 Years	Optional	All Weather/Empire Base Sheet (MF/HA)	Flintlastic STA Plus (T)	Flintlastic GTA	APP-N-3-T APP-IN-3-T APP-I-3-T APP-C-3-T
25 Years ⁵	Double layer, second layer adhered	Black Diamond Base Sheet (SA)	Flintlastic STA (T)	Flintlastic GTA-FR (CoolStar) ²	APP-I-3-T

¹ www.ul.com/database, CertainTeed's Roof Systems TGFU.R11656, Class B - Fully Adhered, System #19, combustible deck (maximum slope 1/2:12) without insulation

² Please see special pricing for CoolStar reflective surfaces

³ www.ul.com/database, CertainTeed's Roof Systems TGFU.R11656, Class A - Fully Adhered, System #5, (maximum slope 1/4:12), #17 (maximum slope 1/2:12), non-combustible deck, insulation optional

⁴ www.ul.com/database, CertainTeed's Roof Systems TGFU.R11656, Class A - Fully Adhered, System #29, combustible deck, (maximum slope 1/2:12), insulation optional

⁵ www.ul.com/database, CertainTeed's Roof Systems TGFU.R11656, Class A - Fully Adhered, System #70, combustible deck (maximum slope 1:12) with insulation

⁶ www.ul.com/database, CertainTeed's Roof Systems TGFU.R11656, Class A - Fully Adhered, System #8, non-combustible deck, (maximum slope 1/2:12)

⁷ www.ul.com/database, CertainTeed's Roof Systems TGFU.R11656, Class A - Fully Adhered, System #72, non-combustible deck (maximum slope 1:12), insulation optional

Application Key

MF = Mechanically Fastened
SA = Self-Adhered
T = Torch
HA = Hot Asphalt

Specification Key

C = Base sheet adhered, uninsulated substrate
I = Base sheet adhered, insulated substrate
N = Base sheet mechanically attached, uninsulated substrate
IN: Base sheet mechanically, insulated substrate



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