

Flintlastic® GTA-FR

Fire-resistant, APP-modified bitumen polyester cap sheet with mineral surface

PRODUCT INFORMATION

Flintlastic® GTA-FR is a fire-resistant cap designed for use in systems over various types of substrates for both new construction and reroofing installations. It is suitable for most low slope roof applications and may be used for roof system flashings.

Limitations: Flintlastic GTA-FR is intended for torch application only and should not be exposed to adhesives or solvent-based materials. Additional specifications and precautions are listed in the CertainTeed Commercial Roof Systems Specifications.

Product Composition and Features: Flintlastic GTA-FR products are manufactured on state-of-the-art dedicated roofing lines that were exclusively designed for the production of modified bitumen roofing membrane. This 157 mil membrane is manufactured with a resilient polyester reinforcement, offering exceptional durability and resistance to weathering.

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

Application: Flintlastic modified bitumen roofing systems must be applied in accordance with installation procedures contained in the CertainTeed Commercial Roof Systems Specifications. The following information is intended for general information purposes only and is not all-inclusive.

Preparation: Substrates to receive a roof system must be firmly attached, smooth, dry, clean and free of sharp projections and depressions. Substrates requiring priming must be primed with asphalt primer such as FlintPrime® and be allowed to completely dry. Substrates must provide positive drainage. Roof must be tapered to drains.

Installation: Unless otherwise specified by CertainTeed, install one ply of Glasbase™ or other CertainTeed approved alternate base sheet lapping 2" on sides and 4" on ends. Attach base sheet as specified in the CertainTeed Commercial Roof Systems Specifications.



KEY PRODUCT DETAILS

<i>Roll Dimensions:</i>	39-3/8" X 32'10"
<i>Nominal Coverage:</i>	One square
<i>Approximate Weight:</i>	103 lbs. per roll
<i>Top Surface:</i>	Mineral 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, copolymers, and a proprietary mix of fire resistant chemicals
<i>Reinforcement:</i>	High performance, stress-resistant polyester mat.

APPLICATION METHOD



Torch

CODES AND APPROVALS



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



Florida Building Code
Statewide (FL 2533 and
FL 16709)



Product code ID
0668-0020

ASTM
INTERNATIONAL

Meets or exceeds
ASTM D6222,
Grade G, Type I

TEXAS DEPARTMENT
OF INSURANCE

(RC-47)



NEMO|cert.



PRODUCT INFORMATION (CONT'D)

Apply base sheet in such a manner as to provide and maintain a minimum 6" offset between side and endlaps of base ply and Flintlastic membrane. If specified, apply Flintlastic® STA or STA Plus as an interply layer.

Finally, install one ply of Flintlastic GTA-FR lapping 3" on all sides and 6" on ends, with endlaps diagonally staggered not less than 3' apart. Membrane sidelaps must be offset from sidelaps of underlying plies. Side and endlaps should be inspected to ensure a minimum 3/8" flow of modified compound has been achieved.

Precautions: 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. Follow all safety recommendations relating to the use and maintenance of liquid propane gas torches and equipment. Refer to the CertainTeed Commercial Roof Systems Specifications for additional safety information

Maintenance: 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.

PHYSICAL PROPERTIES

Test Description	Test Method	Results*
<i>Solar Reflectance Index (SRI) Initial/Aged:</i>	ASTM E1980	28/26
<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	80/60 lbs./in. 135/100 lbs./in.
<i>Elongation:</i>	ASTM D5147 @ 73.4 +/- 3.6°F MD/XD @ 0 +/- 3.6°F MD/XD	35%/40% 20%/22%
<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	140/85 lbs.

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

STORAGE AND HANDLING

Rolls should be stored upright, off the ground and completely protected from the weather.



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

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