

FLINTLASTIC® ULTRA GLASS SA PREMIUM SELF-ADHERED SBS-MODIFIED BASE SHEET FOR HYBRID ROOF SYSTEMS

Product Information



Product Use: Flintlastic® Ultra Glass SA is designed for use as a premium, self-adhered base sheet for hybrid roof systems with a torch-applied cap or cap set in hot asphalt or cold adhesive. It is suitable for use in both new construction and reroofing over a variety of substrates¹ including but not limited to insulation, concrete and plywood/OSB². Flintlastic Ultra Glass SA delivers measurable labor savings over traditional fully adhered asphaltic membranes without compromising waterproofing protection. This robust base ply can be used in CertainTeed two-ply, low-slope roofing systems for up to 25-year warranty durations (see CertainTeed Commercial Roof System Specifications for details).

Precautions: Flintlastic Ultra Glass SA is attached by a self-adhering method. It is not intended for attachment with hot asphalt, torch, cold adhesive, coal tar pitch or mechanical fasteners. Rolls should be stored upright off the ground and completely protected from the weather.

Do not attempt application if ice, snow, moisture or dew are present. Surface to be bonded to must be clean, dry and free from any dust or deterrent to adhesion. Do not attempt installation on roofs without adequate slope and drainage.

Product Composition and Features: Flintlastic Ultra Glass SA is manufactured using a heavy duty fiberglass reinforced mat, saturated and coated with a superior grade of SBS-modified bitumen compound on the top of the sheet and a proprietary pressure sensitive SBS-modified bitumen adhesive on the back of the sheet. It is surfaced on the bottom with a removable release film and on the top with fine mineral particles.

Roll Dimensions:	39 ³ / ₈ " X 33' 11"
Nominal Coverage:	One square
Approximate Weight:	72 lbs.
Surfacing:	Fine black mineral particles

Applicable Standards: Meets ASTM D1970 and D6163, Grade S, Type I. Flintlastic Ultra Glass SA is approved by Underwriters Laboratories for use in various Class A, B and C roof assemblies, Factory Mutual, Florida Building Code Statewide Approval (FL 2533 and FL 16709) and Texas Department of Insurance (RC-47).

Packaging: Flintlastic Ultra Glass SA rolls are individually packaged in corrugated boxes.

Technical Data

The following information represents typical average properties of Flintlastic Ultra Glass SA.

Modified Bitumen Coating: Non-oxidized (flux) asphalt, blended with a compatible elastomeric styrene-butadiene-styrene polymer and selected inert fillers.

Support Mat: Heavy duty fiberglass reinforced mat.

Test Description	Test Method	Results*
Thickness:	ASTM D5147	3.0 mm (120 mils)
Tensile Strength:	ASTM D5147 @ 73°F MD/XD	70/70 lbs./in.
	ASTM D5147 @ 0°F MD/XD	160/120 lbs./in.
Elongation:	ASTM D5147 @ 73°F MD/XD	5.0%/5.0%
	ASTM D5147 @ 0°F MD/XD	4.0%/4.0%
Tear Strength:	ASTM D5147 MD/XD	145/140 lbs.
Dimensional Stability:	ASTM D5147 MD/XD	0.1%/0.1%

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

¹See CertainTeed Commercial Roof Systems Specifications manual for all approved substrates.

²When directly adhering to wood or OBS, priming is required; direct adhesion to plywood or OSB is not permitted by code in Miami-Dade County (check your local building code); at the end of the roofing membrane's life, roofing membranes directly adhered to wood roof decks will require replacement of the deck.



Warranties

CertainTeed offers material and/or material/workmanship (No Dollar Limit) limited 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 No Dollar Limit (NDL) limited 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.comm.services@saint-gobain.com



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