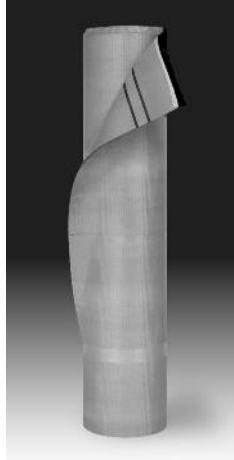


## FLINTLASTIC® SA MID PLY

### SELF-ADHERING SBS MODIFIED BITUMEN MID PLY FOR SA ROOF SYSTEMS

#### Product Information



**Product Uses:** FLINTLASTIC SA MID PLY is designed for use as a mid ply in multi-ply self-adhered systems. It is suitable for use in the construction of various roof membrane assemblies over a variety of substrates. It is intended for use over FLINTLASTIC SA NailBase, FLINTLASTIC SA PlyBase or directly self-adhered to suitable substrates.

**Precautions:** FLINTLASTIC SA MID PLY must be applied as part of a self-adhered system. It is not intended for use with hot asphalt, cold adhesives or torch-down applications. Rolls should be stored upright, off ground, in their packaging cartons, completely protected from the weather. Rolls that have been 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. Roof decks shall be structurally sound, dry and smooth, and meet or exceed minimum requirements of the deck manufacturer, local code and CertainTeed. Don't 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. Ambient temperature must be 50°F or above. Don't attempt installation on roofs without adequate slope and drainage. Additional specifications and precautions are contained in the CertainTeed Commercial Roof Systems Manual.

**Product Composition and Features:** FLINTLASTIC SA MID PLY is manufactured using a high performance, non-woven polyester/fiber glass scrim combination mat, impregnated and coated with a superior grade of modified bitumen compound. It is surfaced on the bottom with a removable release film and on the top with a permanent film. The combination mat provides excellent tear and puncture resistance.

<b>Roll Dimensions:</b>	39 3/8" x 32'1"
<b>Thickness:</b>	Approx. 3.0 mm
<b>Coverage:</b>	One square
(*When applied according to CertainTeed's specification)	
<b>Approximate Weight:</b>	64 lbs.
<b>Top Surface:</b>	Permanent film
<b>Back Surface:</b>	Removable release film
<b>Packaging:</b>	Individual cartons (20 rolls per pallet)

**Applicable Standards:** FLINTLASTIC SA MID PLY is approved by Underwriters Laboratories for use in various Class A, B and C roof assemblies, ICC-ES (ESR-1388), Factory Mutual, Miami-Dade, Florida Building Code Statewide Approval (FL479), and Texas Department of Insurance (RC-47). Consult [www.certainteed.com/lowslopetechinfo](http://www.certainteed.com/lowslopetechinfo) for details. Meets ASTM D6164, Grade S, Type I and D1970.

#### Technical Data

**Modified Bitumen Coating:** Non-oxidized (flux) asphalt, blended with elastomeric, styrene-butadiene-styrene (SBS) polymer.

**Support Mat:** A high performance, puncture and tear resistant, non-woven polyester and fiber glass scrim combination mat.

<b>Test Description</b>	<b>Test Method</b>	<b>Results*</b>
Tensile Strength:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	80/55 lbs./in.
	@ 0 +/- 3.6°F MD/XD	148/121 lbs./in.
Elongation:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	70%/70%
	@ 0 +/- 3.6°F MD/XD	51%/64%
Dimensional Stability:	ASTM D5147	0.5%
Low Temperature Flex:	ASTM D5147	Pass @ 0°F
Thickness:	ASTM D5147	3.0mm (0.118 mils)
Tear Strength:	ASTM D5147	
	@ 73.4 +/- 3.6°F MD/XD	110/180 lbs.

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

## ***Product Application***

Apply to FLINTLASTIC SA NailBase, PlyBase, or suitable primed substrate overlapping sidelaps 2" and endlaps 6". Work with lengths of FLINTLASTIC SA Mid Ply appropriate for proper handling. Position and align cut lengths of Mid Ply, staggering laps from the underlying base a minimum of 18" and offsetting endlaps 36". Once positioned, fold back the membrane halfway lengthwise and remove the release film, then ease back into place. Or, lift the end of the membrane and pull the split release film out as you walk the length of the membrane. Repeat release film removal procedure with other side of membrane. Cut opposing corners of endlaps diagonally to minimize "T" seam joints and seal using FlintBond™ SBS modified bitumen adhesive, trowel or caulk grade. Use a heavy, weighted roller to smooth and secure the membrane. Apply a bead of FlintBond adhesive to sidelaps and endlaps. Permanent top surface film is left in place.

## ***Warranties***

CertainTeed offers a limited material Roof Membrane Warranty on FLINTLASTIC SA roof membrane. Contact your nearest CertainTeed office for additional information and requirements.

## ***Technical Assistance and Services***

CertainTeed provides technical assistance in the design, selection, specification and application techniques for all CertainTeed Commercial Systems. Architectural and field representatives are available for consultation within each region.

For more information, contact CertainTeed's Customer Support at 800-233-8990.

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