

## FLINTLASTIC® SA MIDPLY

### SELF-ADHERED SBS-MODIFIED BITUMEN PREMIUM BASE OR INTERPLY FOR SELF-ADHERED AND HYBRID ROOF SYSTEMS

#### Product Information



**Product Use:** Flintlastic® SA MidPly is designed for use as a premium base or interply in fully self-adhered systems or hybrid systems with a torch-applied cap. Select Flintlastic SA MidPly over Flintlastic SA PlyBase when extended warranty durations are specified or enhanced protection and performance is valued. It is intended for use over Flintlastic SA NailBase, Flintlastic SA PlyBase or directly self-adhered to suitable substrates<sup>1</sup>.

**Precautions:** Flintlastic SA rolls must be stored above ground, indoors and protected from the elements. Rolls that are 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.

Flintlastic SA MidPly must be applied as part of a fully self-adhered system or hybrid system with a torch-applied cap. It is not intended for use with hot asphalt or cold adhesives.

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. If ambient temperature is below 50°F, refer to CertainTeed Flintlastic SA cold weather application instructions. Do not attempt installation on roofs without adequate slope and drainage.

**Product Composition and Features:** Flintlastic SA MidPly 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 a permanent adhesion-promoting film.

<b>Roll Dimensions:</b>	39 <sup>3</sup> / <sub>8</sub> " X 32' 1"
<b>Nominal Coverage:</b>	One square
<b>Approximate Weight:</b>	63 lbs.
<b>Top Surface:</b>	Permanent film
<b>Bottom Surface:</b>	Removable release film
<b>Packaging:</b>	Individual cartons (20 rolls per pallet)

**Applicable Standards:** Meets ASTM D6163, Grade S, Type I, D1970 and CGSB 37 GP-56M Type 2a, Class C, Grade 1. Flintlastic SA MidPly is approved by Underwriters Laboratories for use in various Class A, B and C roof assemblies, Factory Mutual, Miami-Dade, Florida Building Code Statewide Approval (FL 2533 and FL 16709) and Texas Department of Insurance (RC-47).

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

**Support Mat:** Heavy duty fiberglass reinforced mat.

#### Technical Data

Test Description	Test Method	Results*
<b>Tensile Strength:</b>	ASTM D5147 @ 73.4 +/- 3.6°F MD/XD	70/50 lbs./in.
	ASTM D5147 @ 0 +/- 3.6°F MD/XD	190/115 lbs./in.
<b>Elongation:</b>	ASTM D5147 @ 73.4 +/- 3.6°F MD/XD	10%/5%
	ASTM D5147 @ 0 +/- 3.6°F MD/XD	4%/4%
<b>Dimensional Stability:</b>	ASTM D5147	< 0.1%
<b>Low Temperature Flex:</b>	ASTM D5147	Pass @ 0°F
<b>Thickness:</b>	ASTM D5147	2.8 mm (110 mils)
<b>Tear Strength:</b>	ASTM D5147 @ 73.4 +/- 3.6°F MD/XD	115/105 lbs./in.

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



<sup>1</sup>See CertainTeed Technical Bulletin: Flintlastic SA Low-Slope Substrate Guidelines

## **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](mailto:rpg.comm.services@saint-gobain.com).



### **CertainTeed**

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