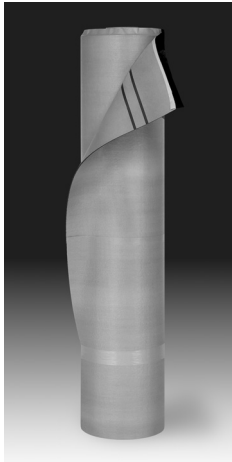


FLINTLASTIC® SA MIDPLY

SELF-ADHERING SBS MODIFIED BITUMEN BASE OR INTER PLY FOR SA ROOF SYSTEMS

Product Information



Product Uses: Flintlastic® SA MidPly is designed for use as a base or inter 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.

Product Composition and Features: Flintlastic SA MidPly is manufactured using a heavy duty fiberglass reinforced 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.

Roll Dimensions:	39 ³ / ₈ " x 32' 1"
Nominal Coverage:	One square
Approximate Weight:	63 lbs.
Top Surface:	Permanent film
Back Surface:	Removable release film
Packaging:	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).

Technical Data

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

Support Mat: Heavy duty fiberglass reinforced mat.

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

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

Product Application

Apply to Flintlastic SA NailBase, Flintlastic PlyBase or suitable primed substrate overlapping side laps 2" and end laps 6". Work with lengths of Flintlastic SA MidPly appropriate for proper handling. Position and align cut lengths of Flintlastic SA MidPly, staggering laps from the underlying base a minimum of 18" and offsetting end laps 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 end laps 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 side laps and end laps. Permanent top surface film is left in place.

Precautions: Flintlastic SA MidPly 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 the 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 must 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 is 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 Specifications.

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. Only 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 or contact Commercial Roofing Technical Services.

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 Commercial Roofing Technical Services at 800-396-8134 x2.

ASK ABOUT ALL OF OUR OTHER CERTAINTEED® PRODUCTS AND SYSTEMS:

ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE
GYPSUM • CEILINGS • INSULATION

www.certainteed.com <http://blog.certainteed.com>

CertainTeed Corporation
20 Moores Road
Malvern, PA 19355

Professional: 800-233-8990
Consumer: 800-782-8777

© 03/16 CertainTeed Corporation, Printed in the U.S.A.
Code No. COMM-168