

FLINTLASTIC® SA PLYBASE

SELF-ADHERING SBS MODIFIED BITUMEN PLYBASE FOR SA ROOF SYSTEMS

Product Information

Product Use: Flintlastic® SA PlyBase is designed for use as a base ply or inter ply in self-adhering roofing systems. It is suitable for use in the construction of various types of membranes for both new construction and reroofing over a variety of substrates without fasteners.

Limitations: When using Flintlastic SA PlyBase, pay particular attention to storage and handling, deck preparation, slope and drainage, and application requirements to assure a successful installation and long-term performance.

Product Composition and Features: Flintlastic SA PlyBase is manufactured on an extra strength fiberglass reinforced mat that receives a coating of modified bitumen compound on the top of the sheet and a self-adhering modified bitumen compound on the back of the sheet. The top surface contains a permanent blue film that must not be removed. The back surface is finished with a removable release film.

Roll Dimensions:	39 ³ / ₈ " x 64' 6"
Nominal Coverage:	Two squares
Approximate Weight:	86 lbs.
Top Surface:	Permanent film
Bottom Surface:	Removable release film

Applicable Standards: Meets ASTM D4601, Type II, D1970 and CGSB 37 GP-56M Type 2a, Class C, Grade 1. Flintlastic SA PlyBase 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

The following information represents typical average properties of Flintlastic SA PlyBase.

Support Mat: Extra strength fiberglass reinforced mat.

Test Description	Test Method	Results*
Thickness:	ASTM D5147	1.5 mm (60 mils)
Tensile Strength:	ASTM D5147 @ 73°F MD/XD	65/40 lbs./in.
Elongation:	ASTM D5147 @ 73°F MD/XD	6.0%/5.0%
Packaging:	Individual cartons (20 rolls per pallet)	

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

Installation

Deck Preparation: CertainTeed recommends the use of Flintlastic® SA NailBase in conjunction with all self-adhering membrane roof installations on nailable substrates. Non-nailable roof decks may receive direct application of Flintlastic SA PlyBase or Flintlastic® SA MidPly followed by Flintlastic® SA Cap, provided the deck is thoroughly primed using FlintPrime® SA. It should be noted that without the use of a nailable base sheet, the membrane may be difficult to remove if removal is ever warranted and certain UL listings for the product may not apply.

Product Application

Non-Nailable Substrates: Prime non-nailable substrates such as concrete using FlintPrime SA at the rate of .20 to .25 gals/square. Allow primer to dry, maximum 4 hours. Apply Flintlastic SA PlyBase directly to the primed surface. Overlap base sheet side laps 2" and end laps 6". Always start membrane application at the low point of the roof and install all plies so that no laps are against the flow of water. Offset end laps minimum 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 and end laps. Permanent top surface film is left in place.

Precautions

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. Ambient temperature must be 50°F or above. Do not attempt installation on roofs without adequate slope and drainage.

Storage and Handling

FlintlasticSA 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.

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 guidelines 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-167

