

FLINTLASTIC® SA PLYBASE

SELF-ADHERING SBS MODIFIED BITUMEN PLYBASE FOR SA ROOF SYSTEMS.

Product Information

Product Use: FLINTLASTIC SA roofing membrane is a premium, self-adhering SBS modified bitumen roll roofing material suitable for use in accordance with CertainTeed specifications for most low slope roof system applications. Refer to the CertainTeed Commercial Roof Systems Manual for complete self-adhered roof system specifications and application requirements.

The FLINTLASTIC SA line of products is more than a single membrane, it is a complete roof system designed for base and cap or base, mid-ply and cap roof system configurations. Use of FLINTLASTIC SA NailBase permits complete mechanical attachment to nailable substrates, preserving the integrity of the substrate for future tear-offs and adding additional waterproofing performance capabilities to the overall system. FLINTLASTIC SA PlyBase is designed for direct attachment to non-nailable substrates without fasteners. For larger industrial/institutional applications, FLINTLASTIC SA NailBase or PlyBase, Mid Ply and Cap in combination represent a premium roof system capable of meeting the performance criteria of a larger roof. Use of FLINTLASTIC SA NailBase also adds to the fire resistance of the roof system, enabling UL Listing of the roof system.

When using self-adhering roofing products, particular attention must be paid to storage and handling, deck preparation, slope and drainage, and application requirements to assure a successful installation and long-term performance.

Compliances

FLINTLASTIC SA roofing membranes are manufactured on state of the art, dedicated roofing lines specifically designed for the production of modified bitumen roofing membrane. FLINTLASTIC SA PlyBase meets or exceeds ASTM D4601, Type II and D1970.

Refer to the current UL Roof Systems Directory, or UL's web site, www.ul.com for the most current information on UL listing for FLINTLASTIC SA Products.



Classified by Underwriters Laboratories, Inc. As to an External Fire Exposure Only 62P3

Roll Dimensions:	39 ³ / ₈ " x 64'6"
Thickness:	1.5 mm
Weight:	86 lbs.
Coverage:	Two squares
Top Surface:	Permanent Film
Bottom Surface:	Removable Release Film
Reinforcement:	Fiberglass Mat
Tensile (lb/in):	65/40 (MD/CD)
Elongation (%):	6/5 (MD/CD)
Packaging:	Individual Cartons (20 rolls per pallet)

Applicable Standards: FLINTLASTIC SA PlyBase is approved by Underwriters Laboratories for use in various Class A, B and C roof assemblies, ICC-ES (ESR-1388)

Consult www.certainteed.com/low-slopetechinfo for details.

Meets ASTM D4601 Type II and D1970.

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 Mid Ply followed by FLINTLASTIC SA Cap provided the deck is thoroughly primed using FLINTLASTIC SA Primer. It should be noted 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 –.25 gals/square. Allow primer to dry, maximum 4 hours. Apply PlyBase directly to the primed surface. Overlap base sheet sidelaps 2" and endlaps 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 endlaps 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 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 side 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

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.

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

SA rolls must be stored above ground, indoors, 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.

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