

FLINTLASTIC® SA NAILBASE

SBS MODIFIED BITUMEN NAILBASE SHEET FOR SA ROOF SYSTEMS

Product Information



Product Use: Flintlastic® SA NailBase is designed for use as an anchor sheet 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. 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.

Limitations: When using Flintlastic SA NailBase, 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 NailBase is manufactured on an extra strength fiberglass reinforced mat that receives a coating of modified bitumen compound. The top surface contains a permanent blue film that must not be removed. The back surface is finished with a mineral release agent.

Roll Dimensions:	39 ³ / ₈ " x 64' 6"
Nominal Coverage:	Two squares
Approximate Weight:	82 lbs.
Top Surface:	Permanent film
Bottom Surface:	Fine sand, release agent

Applicable Standards: Meets ASTM D4601, Type II and CGSB 37 GP-56M Type 2b, Class C, Grade 1. Flintlastic SA NailBase 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). Certain SA Systems are UL Classified as to impact resistance as described in the UL Roofing Materials & Systems Directory (TGFU).

Technical Data

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

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:	Palletized, Bands (20 rolls per pallet)	

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

Installation

Refer to the CertainTeed Commercial Roof Systems Specifications for complete product installation details and requirements. Below is a general guideline.

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

Nailable Substrates: Use standard nailing patterns and CertainTeed approved fasteners for attachment to nailable decks. Overlap side laps 3" and end laps 4". Nail base sheet every 9" o.c. on side laps and every 18" o.c. in two staggered rows in from each edge. 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

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.

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.

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