

FLINTFLASH™ SA

SELF-ADHERING SBS MODIFIED BITUMEN, PRE-CUT FLASHING FOR SA ROOF SYSTEMS

Product Information

Product Use: FLINTFLASH SA is a premium, SBS modified bitumen self-adhering flashing membrane suitable for use in accordance with CertainTeed specifications for most low slope roof system applications. It is polyester/fiber glass scrim reinforced with a removable release film on the bottom and a permanent (leave in place) film on the top surface. Refer to the CertainTeed Commercial Roof Systems Manual for complete self-adhered roof system specifications and application requirements.

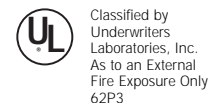
The Flintlastic® SA line of products is more than a single membrane; it is a complete roof system designed for base and cap or base, ply and cap roof system configurations. FLINTFLASH SA can be used wherever Flashing Strips are specified in Flintlastic SA self-adhering roof systems, per published CertainTeed specifications. It is to be used over Flintlastic SA base sheets or primed, non-nailable substrates, under and/or over Flintlastic SA ply sheets, and under Flintlastic SA cap sheets wherever FlintFlash is specified to accomplish flashing details such as sandwicking of edge metal, vent pipe flanges, shingle roof transitions and other transitions such as parapet walls. FLINTFLASH SA is also used as a mid ply starter strip in three-ply Flintlastic SA roof system applications.

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

FLINTFLASH SA flashing membranes are manufactured on state-of-the-art, dedicated roofing lines specifically designed for the production of modified bitumen roofing membrane. FLINTFLASH SA meets or exceeds ASTM D6164, Grade S, Type I.

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.



Roll Dimensions:	9¾" x 33'11"
Thickness:	3.0 mm
Weight:	17 lbs
Coverage:	1/4 square
Top Surface:	Permanent film
Bottom Surface:	Removable release film
Reinforcement:	Polyester/fiber glass scrim combination mat
Tensile (lb/in):	80/60 (MD/CD)
Elongation (%):	50/55 (MD/CD)
Packaging:	Individual cartons, 4 rolls per carton 80 rolls per pallet

Applicable Standards: FLINTFLASH SA meets ASTM D6164, Grade S, Type I. Consult www.certainteed.com/lowslopetechinfo for details. Certain SA Systems are UL classified as to impact resistance as described in the UL *Roofing Materials & Systems Directory* (TGfU).

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

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 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

FLINTFLASH SA shall be installed as per CertainTeed published specifications with 6" endlaps. FLINTFLASH SA shall be applied to Flintlastic SA NailBase, PlyBase or Mid Ply by peeling off the silicone treated release film on the back of the sheet after the roll has been positioned and aligned. Removal of release film exposes a specially formulated high tack SBS self-adhesive surface. The adhesive is normally activated by the sun's heat; on hot, sunny days, adhesion occurs quickly. In cooler weather, use of a hot air gun such as the hand-held Leister "Triac" or Primus Sievert "PNS-4 Hot Air Kit" may assist in assuring a complete bond. Use FlintBond™ SBS Modified Bitumen Caulk Grade Adhesive to seal capillaries at edges or "T-seam" joints of Flintlastic strips. Upturned membrane may also require mechanical fastening prior to counterflashing. See the CertainTeed Commercial Roof Systems Manual for complete installation requirements and flashing details. Before priming, remove oil from all metal surfaces, using a vinegar and water solution. The FlintFlash is self-adhered by removing the release film on the back of the sheet and pressing into place. Use lengths appropriate for handling. Score release film (without cutting membrane) where convenient (generally midpoint) and remove one side of release film at a time. Fold back one side (lengthwise) of the membrane, remove release film. Carefully return the exposed adhesive surface to the substrate and press firmly into place. At parapet wall details you can work the sheet from top to bottom rather than end to end. Repeat other side. When working with longer lengths, pull the release film out as you walk the length of the membrane. Be sure all material lays flat. Use a weighted, 18" wide membrane roller to press membrane into place, working from center of strip outwards. Use a hand-held membrane roller to remove any air pockets from FlintFlash on small areas or vertical applications.

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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CertainTeed Corporation
P.O. Box 860
Valley Forge, PA 19482

Professional: 800-233-8990
www.certainteed.com

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