

Flintlastic® Poly SMS Base Sheet

SBS modified bitumen polyester base sheet

PRODUCT INFORMATION

Flintlastic® Poly SMS Base Sheet is designed for use as a base ply for both hot and cold applied, modified or built-up 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 Poly SMS Base Sheet will provide additional strength when used as the anchor sheet over nailable or first ply non-nailable and insulated substrates. In addition, it will perform as a venting base sheet when spot mopped over plastic foam-type insulations. Also suitable as a midply in multi-layer systems.

Precautions: Flintlastic Poly SMS Base Sheet may be applied in either hot asphalt or approved cold adhesive such as FlintBond®, depending on system design and selection. Rolls should be stored upright off the ground and completely protected from the weather. Roof decks must be structurally sound, dry, smooth and meet or exceed minimum requirements of the deck manufacturer, local code and CertainTeed. Additional specifications and precautions are listed in the CertainTeed Commercial Roof Systems Specifications.

Product Composition and Features: Flintlastic Poly SMS Base Sheet is manufactured on a high performance, stress-resistant polyester mat that is impregnated and coated with a superior SBS modified bitumen compound and is lightly surfaced with a mineral release agent. The polyester mat provides excellent strength, tear and puncture resistance. Flintlastic Poly SMS Base Sheet is pliable and will conform to most surfaces for ease of application.



KEY PRODUCT DETAILS

<i>Roll Dimensions:</i>	39-3/8" X 64' 3"
<i>Nominal Coverage:</i>	Two squares
<i>Approximate Weight:</i>	89 lbs. per roll
<i>Top and Bottom Surface:</i>	Fine sand
<i>Compound:</i>	Modified Bitumen Coating: Non-oxidized (flux) asphalt, blended with a compatible elastomeric styrene-butadiene-styrene polymer and selected inert fillers.
<i>Reinforcement:</i>	Support Mat: High performance, stress-resistant polyester mat.

APPLICATION METHOD



Fasteners



Hot Asphalt



Cold Adhesive

CODES AND APPROVALS



Underwriters
Laboratories for use in
various Class A, B and C
roof assemblies



Florida Building Code
Statewide (FL 2533 and
FL 16709)

TEXAS DEPARTMENT
OF INSURANCE

(RC-47)

ASTM
INTERNATIONAL

ASTM D4601, Type II
performance



NEMO|cert.

PHYSICAL PROPERTIES

Test Description	Test Method	Results*
<i>Tensile Strength:</i>	ASTM D5147	85/60 lbs./in.
<i>Elongation:</i>	ASTM D5147	45%/60%
<i>Thickness:</i>	ASTM D5147	2.0 mm (79 mils)
<i>Tear Strength:</i>	ASTM D5147	125/85 lbs

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



For detailed installation instructions and precautions, refer to the CertainTeed Commercial Roof Systems Specifications Manual or contact Commercial Roofing Technical Services.

TECHNICAL ASSISTANCE AND SERVICES

CertainTeed provides technical assistance in the design, selection, specification and application guidelines of CertainTeed's Commercial Roof 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.

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. 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 Manual or contact Commercial Roofing Technical Services.



CertainTeed

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20 Moores Road, Malvern, PA 19355 | 800-233-8990 | certainteed.com

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