

GAF Liberty™ SBS Mechanically Attached Base Sheet Data Sheet

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North America's Largest Roofing Manufacturer!™*

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LIBERTY™

SBS MECHANICALLY ATTACHED BASE SHEET

Formerly LIBERTY™ MA Mechanically Attached Base Sheet

Description

LIBERTY™ SBS Mechanically Attached Base Sheet is a durable modified bitumen membrane designed and manufactured to meet industry and code requirements.

Uses

The product is designed for use as a base membrane for self-adhered roof systems and is reinforced with mat, which is coated with a polymer-modified asphalt. LIBERTY™ SBS Mechanically Attached Base Sheet is approved with a proprietary film surface that ensures a good bond for self-adhered membranes.

Advantages

- System guarantees are available for up to 20 years.*
- LIBERTY™ Systems are applied without torches, open flames, hot asphalt, or messy solvent-based adhesives and are suitable for many substrates.

* See applicable guarantee for complete coverage and restrictions.

Application

LIBERTY™ SBS Mechanically Attached Base Sheet should be applied to a plywood deck or other nailable surfaces and mechanically fastened using Drill-Tec™ Screws according to applicable specifications. Technical and sales information can be obtained through Technical Services at (800) 766-3411.

Applicable Standards

Meets ASTM D4601, Type II Requirements
FM Approved
ICC Pending
Miami-Dade County Product Control Approved
UL/ULC Listed

Product Specifications (nominal)

Roll Size	2 squares (216.6 gross sq. ft.) (20.1 m ²)
Roll Length	66' (20.1 m)
Roll Width	39.375" (1.0 m)
Approx. Roll Weight	82 lb. (37.2 kg)
Product Thickness	0.068" (1.73 mm)

This product meets or exceeds the following ASTM minimum requirements:

Property		Criteria (D4601, Type II)
Low/high temperature unrolling	40°F 140°F	No sticking or cracking
Breaking strength, lbf/in.	MD XMD	≥ 44
Pliability, 1/2-inch radius mandrel	MD XMD	No failures
Width of roll, in.		As agreed
Area of roll		As agreed
Net dry mass, lb./100 ft ²		≥ 15.5
Moisture, %		≤ 1.0
Mass of desaturated glass mat, lb./100 ft ²		≥ 1.7
Surfacing and stabilizer, %		≤ 65
Asphalt, lb./100 ft ²		≥ 7.0
Ash, %		70 to 88

Data reported based on available independent and in-house resources. GAF reserves the right to change or modify, at its discretion, and without prior notice, any of the information, requirements, specifications, or policies contained in this document.

