



## Product Description:

IBARRIER SA 106 is a 106-mil thick self-adhesive membrane composed of a high strength polyester mat that is saturated and coated on both sides with SBS polymer modified bitumen with a high-tack adhesive. The top side is a sanded surface, and the underside is surfaced with a protective silicone single release film that is designed to be removed during application. Meets or exceeds ASTM D6164, Type I, Grade S.

Only the following substrates<sup>1</sup> are acceptable to receive the IBARRIER SA 106:

- Wood, steel, structural concrete and gypsum decks
- Most gypsum coverboards rated for adhered applications.

<sup>1</sup>Substrates and all surfaces must be clean, dry, and free of dirt, dust, debris, oils, loose and/or embedded gravel. IB Roof Systems recommends insulation adhesion pull tests in accordance with ANSI/SPRI IA-1 prior to beginning work to confirm acceptable uplift resistance.

## Features:

- High resistance to foot traffic
- Self-sealing air barrier/vapor retarder
- Polyester reinforced for superior tear and puncture resistance
- Compatible with 2-component insulation adhesives
- Underside has a single release film
- May be left exposed for up to 90 days

## Temperature Guidelines:

Store rolls in an upright position, protected from excessive cold, heat, sunlight, and moisture.

Optimum product storage temperature is 55-80°F (13-27°C) for 24 hours prior to use.

Outside Application Temperature: Ambient temperature is 40°F (4°C) and rising. Bring temperature of membrane to approximately 70°F (21°C) for approximately 24 hours before use. Do not store in direct sunlight or above 90°F (32°C).

Substrate Surface Temperature Range: 40-110°F (13-43°C). Solar load (sun exposure) or temperatures above or below optimal application range can influence the effectiveness of self-adhesive adhesion properties.

## Approvals:



Refer to individual assembly approvals for additional information and requirements. Visit our website for links to these agencies and listings at: [www.ibroof.com](http://www.ibroof.com)



Product details stated are nominal as manufactured, and the results of tests and/or calculations and therefore are non-binding and do not represent a guarantee or warranted characteristics. User and/or designer are responsible for confirming suitable performance for specific application and conforming with all applicable laws and regulations.

## Physical Properties:

Property	ASTM Method	Results	
		MD	XMD
Thickness (Avg.)	D5147	106 mils (2.7 mm)	
Tensile Strength (Avg.) @ 0°F	D5147	110 lbf./in.	85 lbf./in.
Tensile Strength (Avg.) @ 73°F	D5147	85 lbf./in.	65 lbf./in.
Ultimate Elongation @ 0°F	D5147	35%	40%
Ultimate Elongation @ 73°F	D5147	55%	60%
Tear Resistance (Avg.) @ 73°F	D5147	125 lbf.	85 lbf.
Low Temperature Flexibility, @ -15°F	D5147	Pass	
Dimensional Stability, %	D5147	<0.5%	<0.5%
Compound Stability, °F	D5147	240°F	

\* Physical properties shown are based on data obtained under controlled conditions and are subject to normal manufacturing tolerances

Product	Squares/Roll	Roll Size
IBARRIER™ SA 106	1.84 Squares (184 sq. ft.)	3.75' x 49.2' (1m x 15m)
Roll Weight	Coverage w/ 3" Lap	Rolls/Pallet
111 lbs.	1.476 Squares (147.6 sq. ft.)	20
Function/Use	Application	
Air Barrier/Vapor Retarder	Self-Adhered	

## Surface Preparation:

All substrates must be primed with IBARRIER™ Primer, IBARRIER™ Primer LV, or IBARRIER™ Primer LVOC. The substrate should be clean and sound, free of loose materials or contaminants, such as water or grease that may compromise the performance of the product.



## Application:

Refer to IB® Specifications and Construction Details for additional installation instructions. Minimum recommended application temperature for IBARRIER SA 106 is 40°F (4°C). All surfaces should be clean, dry, free of dirt, dust, debris, oils, soaps, coatings, and other contaminants that may inhibit bonding.

Prime substrates as required. Unroll IBARRIER SA 106 and allow it to relax prior to application. Align roll and set into position with 3" side and 6" end laps. Hold sheet tight on one end, while removing release film from underside by pulling diagonally in opposite direction. Continuing installing subsequent rolls in same manner. Use a weighted roller to roll installed membrane and lap areas to ensure full contact with substrate. Note: Over steel decks, at the end of each roll, install a 6" x 42" sheet metal plate to support the end lap between deck ribs. Ensure 6-inch end laps are maintained during installation.

## Limitations:

- Do not store in direct sunlight.
- Do not use when ambient, substrate or product temperatures are outside specified temperature ranges.
- Do not use during inclement weather, on wet surfaces or on any roof deck showing signs of deterioration or loss of structural integrity.
- Not suitable for direct adhesion of IB TPO or IB PVC membranes to IBARRIER SA 106. An approved insulation is required between PVC and IBARRIER SA 106.
- Shelf life is approximately 12 months. Always rotate stock. Do not use after the expiration date.

## Safety:

Use proper equipment and assistance when moving, lifting, handling, or transporting membrane rolls to avoid personal injuries as well as damage to the membrane. Refer to the Product Safety Data Sheet for additional safety information.

## Self-Life:

12 months from date of manufacture

Go to <https://ibroof.com/tds> for the most up-to-date version of this document.

Toll Free: 800-426-1626

Care has been taken to ensure that the contents of this publication are accurate, however IB Roof Systems and any subsidiary companies do not accept responsibility for errors or for information that is found to be misleading. Suggestions for, or description of, the end use of application of products or methods of working, are for information only and IB Roof systems and any subsidiary accept no responsibility in respect thereof.



Quality Products



Exceptional Service



Technical Expertise

**IBroof.com**

510810094 5/7/2026