



**USES:
VAPOR RETARDER
TEMPORARY ROOF**

Roll Length	Avg: 125 ft (38.1 m)
Roll Width	Min: 58 in (1.47 m)
Coverage (Typical with 3" Side & End Laps)	6 Squares (571.8 ft ²) (53.1 m ²)
Top Surfacing	Tri-Laminate Woven Polyethylene
Back Surfacing	Silicone-Treated Polyolefin Release Film

SIPLAST SA VAPOR RETARDER

Commercial Product Data Sheet

Siplast SA Vapor Retarder is a self-adhesive vapor retarder sheet used in single and multi-ply roof systems. Siplast SA Vapor Retarder consists of a self-adhesive blend that is laminated to a tri-laminate woven polyethylene film top surface. The back of the sheet is lined with a split, silicone-treated polyolefin release film. Siplast SA Vapor Retarder is intended for use as a vapor retarder in insulated Siplast Roof Systems. The composition of Siplast SA Vapor Retarder allows for application beneath materials such as perimeter metal components that can reach high temperatures.

Contact Siplast for information on approved product uses.

PRODUCT INFORMATION

Application

Before installation, unroll the vapor retarder onto the roof surface and allow the sheet to relax. Place in desired position, firmly hold the sheet in place and remove the silicone release film. Then roll the sheet into place with a weighted roller to ensure positive adhesion. Siplast SA Vapor Retarders may be left in place during construction for a maximum period of 180 days. Siplast SA Vapor Retarder is lapped 3 inches (76 mm) side and end.



Storage and Handling

All Siplast roll roofing products should be stored on end on a clean, flat surface. Rolls should not be dropped on ends or edges or stored in a leaning position. Deformation resulting from these actions will make proper installation difficult. All roofing products should be stored in a dry place out of direct exposure to the elements and should not be double stacked. Material should be handled so that it remains dry prior to and during installation.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

Packaging

Pallet: 60 in x 48 in (153 cm x 122 cm) wooden pallet
Rolls Per Pallet: 12
Minimum Roll Weight: 97 lb (44 kg)

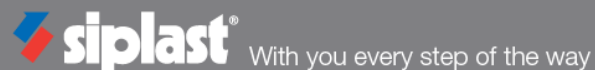
Listings, Approvals, & Certifications



Classified by UL in accordance with ANSI/UL 790. Refer to UL Product iQ for specific assemblies.
FM Approved - Refer to RoofNav.com for specific assemblies.

SIPLAST SA VAPOR RETARDER

Physical and Mechanical Properties



U.S. TEST STANDARDS

Property (as Manufactured)	Values / Units	Test Method
Thickness (minimum)	30 mils (0.76 mm)	ASTM D1970
Thickness (average)	32 mils (0.81 mm)	ASTM D1970
*Peak Load @ 73.4°F (23°C) (average)	70 lbf/inch (0.095 kN/m)	ASTM D5147
Weight per ft ² (minimum)	0.155 lb/sf (0.021 kg/m ²)	N/A
Cold Bend (minimum)	-22°F (-30°C)	ASTM D5147
Static Puncture	90 lbf (400 kN)	ASTM D154
Lap Adhesion (after 24 hours)	24 lbf/ft (0.033 kN/m)	ASTM D1876
*Tear Strength (average)	95 lbf (422.2 kN)	ASTM D5147
Water Absorption (maximum)	0.01%	ASTM D5147
Peel Resistance on Steel @ 50°F/25 (10°C) (minimum)	25 lbf/ft (0.034 kN/m)	ASTM D903
Adhesion to Plywood (minimum)	16 lbf/ft (0.022 kN/m) @ 40°F 20 lbf/ft (0.027 kN/m) @ 70°F	ASTM D1970
Coating Thickness – Back Surface	≥23mils (0.58 mm)	ASTM D1970
Water Vapor Permeance (maximum)	0.03 perms	ASTM E96
Air Permeability	0.001 L/s m ²	ASTM E2178

*The value reported is the lower of either MD or XD.

Values stated are approximate and subject to normal manufacturing variation. These values are not guaranteed and are provided solely as a guide.