

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.

**USES:
VAPOR RETARDER
TEMPORARY ROOF**

PRODUCT INFORMATION

Application

Refer to Siplast Specifications and applicable Installers Guides for detailed application information. Siplast SA Vapor Retarder can be exposed to the weather for up to 90 days. Installed sheets must be provided with positive drainage without exception.



Storage and Handling

Siplast SA Vapor Retarder should be stored in factory packaging in a horizontal orientation. Rolls may deform if in a leaning position and deformation resulting from these actions will make proper installation difficult. Store product in a cool, dry place out of direct exposure to the elements. Material should be handled so that it remains dry prior to and during installation.

Packaging

Rolls: Individually packaged in boxes
 Pallet: 44 in x 44 in (1.11 m x 1.11 m) wooden pallet
 Rolls Per Pallet: 25 (upright orientation of boxes/rolls)

Listings, Approvals & Certifications



Roll Length	Min: 134 ft (40.84 m)
Roll Width	Avg: 45 in (1.14 m) Min: 44.75 in (1.13 m)
Coverage per Roll (approx.)	502.5 sf (46.68 m ²)
Net Coverage Per Roll (approx.)	468 sf (43.47 m ²)
Laps	3" (3.93 cm) side & end
Roll Weight (minimum)	78 lbs (35.38 kg)
Top Surfacing	Tri-laminate woven polyethylene
Back Surfacing	Silicone-treated polyolefin release film

U.S. TEST STANDARDS

Property	Values / Units	Test Method
Thickness (average)	32 mils (0.81 mm)	ASTM D1970
Thickness (minimum)	31 mils (0.78 mm)	ASTM D1970
Coating Thickness - Back Surface	≥ 23 mils (0.58 mm)	ASTM D1970
Weight per ft ² (minimum)	0.155 lb/sf (0.021 kg/m ²)	N/A
*Peak Load @ 73.4°F (23°C) (average)	70 lbf/inch (0.095 kN/m)	ASTM D5147
Cold bend (minimum)	-22°F (-30°C)	ASTM D5147
Static Puncture	90 lbf (400 kN)	ASTM D154
Lap Adhesion (after one day)	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 @ 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
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.