

VAPOR BARRIER



VaporTite™

Product Data

Seaman Corporation / FiberTite® offers a self-adhered bitumen and SBS polymeric Class I Vapor Barrier under the Trade name VaporTite.

DESCRIPTION

VaporTite is a self-adhered vapor barrier membrane for multiple substrates composed of SBS-modified bitumen adhesive on the bottom surface and a tri-laminated woven polyethylene on the top surface. A silicone release film covers the adhesive under the surface. The material is installed with a 3-in (76 mm) side lap and 6-in (152 mm) end lap.

APPLICATION

VaporTite membrane may be installed on a steel deck, plywood, gypsum or concrete barrier boards, or structural concrete. Except for the steel deck, all substrates must be primed with FTR SA Primer. All surfaces must be clean and dry prior to application of the primer. The minimum application temperature for VaporTite is 32°F (0°C).

STORAGE

VaporTite is packaged in boxes with 25 per pallet. Store boxes/rolls of product on end on a clean and flat surface elevated above the deck. Do not store in a leaning or horizontal position as deformation may occur. All materials shall be stored in a dry place, out of direct exposure to the elements. VaporTite shall be handled in such a manner as to ensure that it remains dry prior to and during installation.

APPROVALS

VaporTite is FM Approved for specific FiberTite assemblies and listed in RoofNav. Note: FM does not permit self-adhered membranes to be installed direct to steel decks.

PHYSICAL PROPERTIES

Property (as manufactured)	Values/Units	Test Method
Thickness (average)	31 mils (.8 mm)	ASTM D 5147
Peak Load @ 73°F (average)	MD: 50.6 lb _f /in (8.9 kN/m) XMD: 70.6 lb _f /in (12.4 kN/m)	ASTM D 5147
Elongation @ Peak Load, 73°F (average)	MD: 33% XMD: 25%	ASTM D 5147
Tear Strength (average)	MD: 94.6 lb _f (420.8 N) XMD: 102.6 lb _f (456.3 N)	ASTM D 5147
Dynamic Puncture	MD: 152 lb _f (675 N) XMD: 152 lb _f (675 N)	ASTM D 1970
Water Vapor Permeance	< 0.03 perm (< 1.7 ng/Pa/s/m²)	ASTM E 96 procedure B
Air Permeability	< 0.0021/sec/m²	ASTM E 2178
Lap Adhesion (with primer)	60.3 lb _f /ft (81.8 N/m)	ASTM D 1876
Water Absorption	0.1%	ASTM D 5147
Cold Blend	-58°F (-50°C) MD+XMD	ASTM D 5147

Roll Width: 45 in (1.1m)
Roll Length: 134 ft (40.8 m)
Coverage: 468 ft² (43.5 m²)
Roll Weight: 75 lb (35.8 kg)

These specifications are current as of the date of printing. Revisions or additions may be issued periodically. For a listing, presentation, and download of the most recent data, visit:

www.fibertite.com/document-library/product-data-sheets



For more information on FiberTite Systems and accessories please call:
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www.FiberTite.com

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Subject to the conditions of Approval for a roof covering when installed as described in the current edition of the Approval Guide.

