



SA VAPOR RETARDER XL

Description

GAF SA Vapor Retarder XL is used as a vapor retarder on insulated roof systems. It can be installed on most substrates, such as steel, concrete, plywood, gypsum or cement boards, and asphaltic panels.*

GAF SA Vapor Retarder XL is a self-adhered membrane available in six square rolls measuring 69" (1.75 m) wide and 105' (32 m) long.** It is composed of butyl and a tri-laminated woven polyethylene facer. The under-face is covered with a silicone release film which is removed during installation. GAF SA Vapor Retarder XL can be used as a temporary roof for up to ninety (90) days. See *EverGuard™ TPO/PVC Roofing System Overview & General Requirements Manuals* on gaf.com for conditions and limitations.

Uses

GAF SA Vapor Retarder XL can be applied to:

- Steel
- Plywood
- Gypsum
- Concrete
- Cement boards
- Asphaltic panels

Advantages

- Now in a larger size than previous GAF SA Vapor Retarder rolls
- A six square sized roll results in fewer rolls needed per job, as well as fewer seams per job
- Easy-to-peel release film for fast installation
- High tensile strength provides protection against foot traffic***
- Substrates don't require a primer before installation of Vapor Retarder

Application:

GAF SA Vapor Retarder XL can be applied at temperatures as low as 25°F (-3.9°C) with rising temperatures as long as the vapor retarder has been stored in a heated area to ensure it is between

50°F – 100°F (10°C – 37.7°C) at time of installation. GAF SA Vapor Retarder XL should be installed with minimum 3" (76.2 mm) side laps and 6" (152.4 mm) end laps.

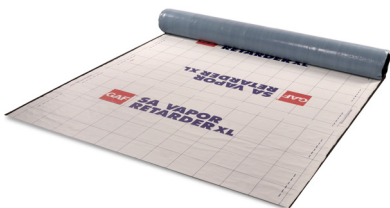
Applicable Standards

- UL Listed to ANSI/UL790 - Refer to UL Online Certifications Directory for actual assemblies

** Refer to the applicable application and specifications manual for the system being installed available at gaf.com.*

*** Installed coverage will be lower and depend on quantity and width of side and end laps.*

**** Foot traffic is not covered under GAF warranties and guarantees.*



Product Specifications (approximate ¹)	
Roll size**	6 squares (603.8 gross sq. ft.) (56.1 m ²)
Roll Length	105' (32 m)
Roll Width	69" (1.75 m)
Approx. Roll Weight	97 lb. (44 kg)
Approx. Roll Weight*	129 lb. (58.5 kg)

Approximate ¹ Physical Properties			
Property	MD Value	XMD Value	Test Method
Thickness, mils (mm)	31 (.79)		ASTM D1970
Thickness ² , mils (mm)	41 (1.04)		ASTM D1970
Min. Tensile strength, lbf/in (kN/m)	70 (12.3)	70 (12.3)	ASTM D5147
Min. Ultimate elongation @ 73.4°F (23°C), %	31	31	ASTM D5147
Min. Tear resistance, lbf (N)	95 (423)	110 (489)	ASTM D5147
Min. Static puncture, lbf (N)	90 (400)	90 (400)	ASTM E154
Min. Lap adhesion, lbf/ft (N/m)	24 (350)	24 (350)	ASTM D1876
Min. Water absorption, %	0.01	0.01	ASTM D5147
Min. Peel resistance on steel, lbf/in (N/m)	25 (4,378)		ASTM D903
Max. Cold bending, °F (°C)	-30 (-34.4)		ASTM D5147
Max. Water vapor permeance, perm (ng/Pa.s.m ²)	0.03 (1.7)		ASTM E96
Max. Air permeability, L/s.m ²	0.001		ASTM E2178

¹ Values stated are approximate and subject to normal manufacturing variation. These values are not guaranteed and are provided solely as a guide.

² Thicker / heavier product available by special request only and sold as "SA Vapor Retarder XL40"