



VERSIGARD

WHITE EPDM

VERSIGARD® WHITE EPDM

VersiGard white EPDM is a 60-mil non-reinforced EPDM membrane that is environmentally friendly and aesthetically pleasing. Versico's white EPDM can contribute toward LEED® Credit Requirements, is the industry's only ENERGY STAR®*-qualified white EPDM membrane, and is CRRC (Cool Roof Rating Council) certified.

VersiGard white EPDM is available with Versico's Quick-Applied Tape (QAT) seam technology which can reduce seaming time by 75 percent and cut labor requirements on the entire project by one-third. When combined with Versico's full line of quick-applied accessories there is no installation process that is easier and more efficient.

Features and Benefits

- Aesthetically pleasing and environmentally friendly (can contribute toward LEED credit requirements)
- ENERGY STAR-qualified and CRRC (Cool Roof Rating Council) certified
- Available with Versico's Quick-Applied Tape (QAT) seam technology
- Full line of quick-applied accessories
- Versico Total System Warranties available



VersiGard EPDM with Quick-Applied Tape (QAT)

One of the most critical portions of a VersiGard EPDM installation can be made faster and easier with Versico's QAT Seam Technology.

- Improves seaming productivity by 75%
- Factory-controlled consistency provides professional finish
- Improves the ability to get buildings "in the dry" in less time



VERSIGARD WHITE .060" EPDM MEMBRANE Typical Properties and Characteristics

Physical Property	Test Method	Specifications	Typical Properties
Tolerance on Nominal Thickness, %	ASTM D412	±10	±10
Tensile Strength, min, psi (MPa)	ASTM D412	1305 (9)	1465 (10.1)
Elongation, Ultimate, min, %	ASTM D412	300	540
Tear Strength, min, lbf/in (kN/m)	ASTM D624 (Die C)	150 (26.3)	200 (35.0)
Factory Seam Strength, min.	ASTM D816 Modified	Membrane Rupture	Membrane Rupture
Brittleness Temp., max, deg. F (deg. C)*	ASTM D746	-49 (-45)	-67 (-55)
Resistance to Heat Aging* White EPDM aged 1 week @ 240°F (116°C)	ASTM D573		
Tensile Strength, min, psi (mpa)	ASTM D412	1205 (8.3)	1345 (9.3)
Elongation, Ultimate, min, %	ASTM D412	200	280
Tear Resistance, min, lbf/in (kN/m)	ASTM D624	125 (21.9)	185 (32.4)
Linear Dimensional Change, max, %	ASTM D1204	±1.0	-0.2
Ozone Resistance* Condition after exposure to 100 pphm Ozone in air for 168 hours @ 104°F (40°C) Specimen wrapped around 3" mandrel	ASTM D1149	No Cracks	No Cracks
Resistance to Water Absorption* After 7 days immersion @ 158°F (70°C) Change in mass, max, %	ASTM D471	+8.0, -2.0	+3.3
Water Vapor Permeance* max, perm	ASTM E96 (Proc. B or BW)	0.10	0.02
Resistance to Outdoor (Ultraviolet) Weathering* Xenon-Arc, 7560 kJ/m ² total radiant exposure at .70 W/m ² irradiance, 176°F (80°C) Black Panel Temp.	ASTM D4637 conditions	No Cracks No Cracking	No Cracks No Cracking



* Not a Quality Control Test due to the time required for the test or the complexity of the test. However, all tests are run on a statistical basis to ensure overall long-term performance of the sheeting.

Radiative Properties for ENERGY STAR Cool Roof Rating Council (CRRC) & LEED

	Test Method	VersiGard White EPDM
ENERGY STAR initial solar reflectance	Solar Spectrum Reflectometer	0.84
After 3 years	Solar Spectrum Reflectometer (after cleaning)	0.80
CCRC initial solar reflectance	ASTM C1549	0.76
After 3 years	ASTM C1549 (uncleaned)	0.64
CCRC initial thermal emittance	ASTM C1371	0.90
After 3 years	ASTM C1371 (uncleaned)	0.87
LEED thermal emittance	ASTM E408	0.91
SRI (Solar Reflectance Index)	ASTM E1980	105