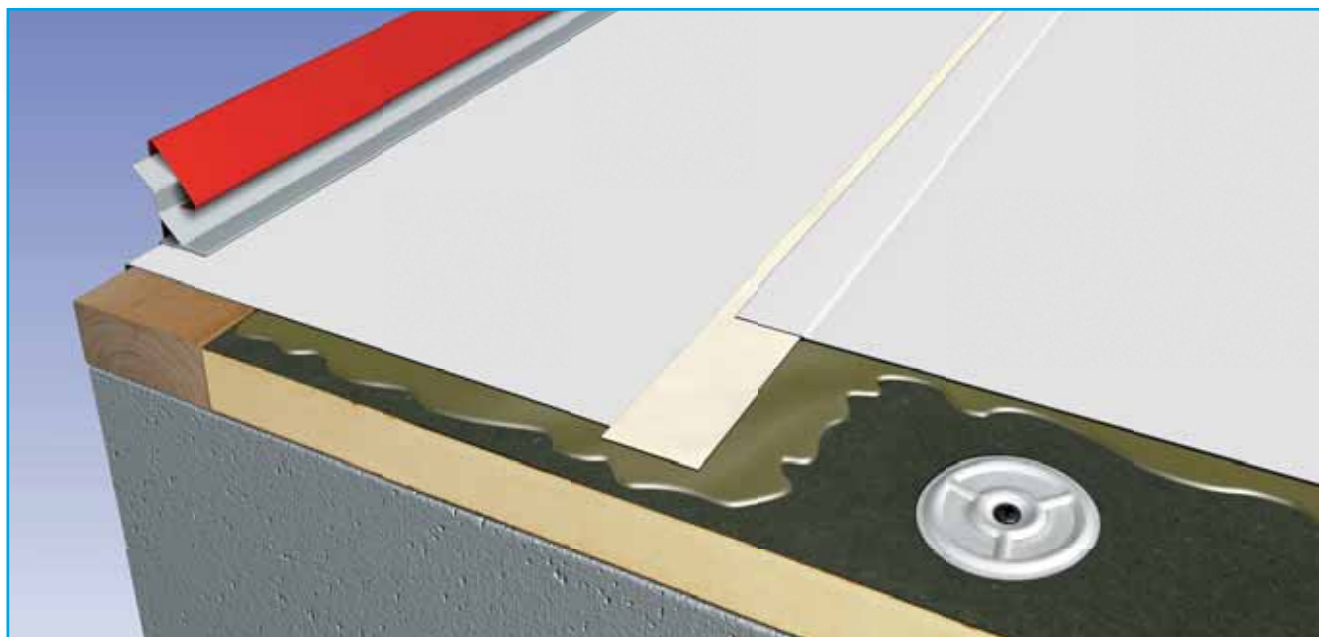




VERSIGARD

WHITE EPDM



FULLY ADHERED ROOFING SYSTEM

The VersiGard **WHITE** Fully Adhered Roofing System incorporates 60-mil non-reinforced, time-tested EPDM membrane.

Features and Benefits

- 60-mil non-reinforced white EPDM available in 10' widths and 50' and 100' lengths. Reduces seams, lowers installation costs.
- UL Class A, B and Universal Slope ratings are available over most deck types.
- FM Uplift values of 1-60 and 1-90 are available.
- White single-ply membrane meets ENERGY STAR® guidelines.
- Environmentally friendly (can contribute toward LEED® credit requirements).
- 60-mil White EPDM membrane installs easily over irregular roof surfaces and offers long-term protection from adverse weather conditions.
- A warranted system is installed by an Authorized Versico Roofing Contractor. A completed warranted system is inspected by a trained Versico Field Service Representative to ensure conformance with Versico specifications.



VERSICO
ROOFING SYSTEMS

A SINGLE SOURCE FOR SINGLE-PLY ROOFING

Versico, PO Box 1289, Carlisle, PA 17013
Tel: **800.992.7663** Fax: 717.960.4036 Web: **www.versico.com**

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)	1685 (11.6)
Elongation, Ultimate, min, %	ASTM D412	300	480
Tear Resistance, 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	1550 (10.7)
Elongation, Ultimate, min, %	ASTM D412	200	250
Tear Resistance, min, lbf/in (kN/m)	ASTM D624	125 (21.9)	185 (32.4)
Linear Dimensional Change, max, %	ASTM D1204	±1.0	-0.5
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	+3.6
Water Vapor Permeance* max, perm	ASTM E96 (Proc. B or BW)	0.10	0.05
Resistance to Outdoor (Ultraviolet) Weathering* ¹ 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.

¹ Approximately equivalent to 3000 hours exposure at 158°F black panel temperature, using xenon-arc apparatus operated at .07 W/m² irradiance.

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



Existing or New Deck Type	NEW CONSTRUCTION						RE-ROOFING		
	Steel	Plywood or OSB	Lightweight Concrete	Structural Concrete	Wood Planks	Gypsum & Fibrous Cement	Smooth-Surface BUR	Gravel-Surface BUR	Existing Single-Ply
Insulation Required	Yes	No	Refer to Specs	No	No	Yes	No	Yes	Yes
Recommended Insulation	Polyiso, Wood Fiberboard, Wood Fiberboard over Polystyrene						← Refer to New Construction		
Insulation Attachment	Acceptable Versico Fasteners and Plates or Approved Insulation Adhesive						← Refer to New Construction		
Membrane Attachment	Versico Substrate Adhesive						← Refer to New Construction		