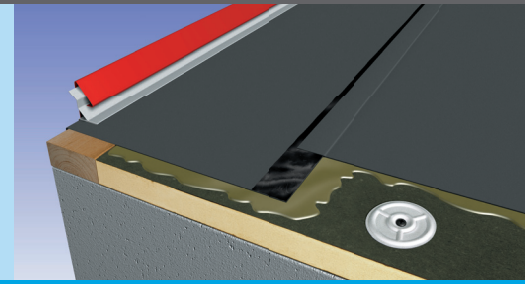




VERSIGARD



FULLY ADHERED ROOFING SYSTEM

The VersiGard® Fully Adhered Roofing System incorporates either 45-mil or 60-mil reinforced or non-reinforced time-tested EPDM membrane.

Features and Benefits

- The completed assembly is easily inspected – a key for a sound maintenance program.
- 60-mil non-reinforced sheet widths up to 50' wide reduce field seaming and installation costs.
- UL Class A Ratings are available over most deck types.
- FM Uplift values of 1-60 and 1-90 are available.
- 60-mil sheets up to 100' long manufactured without dust for easy seaming and greater efficiency.
- Greater design flexibility, no slope restrictions for the application of this roofing assembly.
- 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.
- 5-year to 30-year No Dollar Limit Total System Warranty coverage is available. Standard wind speed coverage is 55 mph. Additional wind speed warranties are available.

VERSIGARD EPDM WITH QUICK-APPLIED TAPE

One of the most critical portions of a VersiGard EPDM installation can be made faster and easier with Quick-Applied Tape (QAT) Seam Technology, which factory-applies the Seam Tape to the membrane, greatly reducing the time required for completing seams and minimizing your labor costs.

VersiGard EPDM with QAT:

- Improves seaming productivity by nearly 75% and saves labor costs
- Improves the ability to get buildings "in the dry" in less time
- Factory-controlled consistency provides professional finish to any roofing system





VERSIGARD .045" & .060" NON-REINFORCED EPDM Typical Properties and Characteristics

Physical Property	Test Method	ASTM SPEC. (Pass)	Typical .045" & .060" Non-Reinforced
Tolerance on Nominal Thickness, %	ASTM D412	±10	±10
Tensile Strength, min, psi (MPa)	ASTM D412	1305 (9)	1650 (11.3)
Elongation, Ultimate, min, %	ASTM D412	300	480
Tear Strength, min, lbf/in (kN/m)	ASTM D624 (Die C)	150 (26.3)	200 (35.0)
Factory Seam Strength, min.	Modified ASTM D816	Membrane Rupture	Membrane Rupture
Resistance to Heat Aging* Properties after 4 weeks @ 240°F (116°C)	ASTM D573		
Tensile Strength, min, psi (MPa)	ASTM D412	1205 (8.3)	1500 (10.3)
Elongation, Ultimate, min, %	ASTM D412	200	225
Tear Resistance, min, lbf/in (kN/m)	ASTM D624	125 (21.9)	215 (37.6)
Linear Dimensional Change, max, %	ASTM D1204	±1.0	-0.4
Ozone Resistance* Condition after exposure to 100 pphm Ozone in air for 168 hours @ 104°F (40°C) Specimen is at 50% strain	ASTM D1149	No Cracks	No Cracks
Brittleness Temp., max, deg. F (deg. C)*	ASTM D746	-49 (-45)	-67 (-55)
Resistance to Water Absorption* After 7 days immersion @ 158°F (70°C) Change in mass, max, %	ASTM D471	+8.0, -2.0	+2.0
Water Vapor Permeance* max, perm	ASTM E96 (Proc. B or BW)	0.1	.05
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 G155	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.
* See Technical Data Bulletin for Reinforced Typical Properties & Characteristics.



Existing or New Deck Type	NEW CONSTRUCTION						RE-ROOFING		
	Steel	Plywood or OSB	Wood Planks	Gypsum & Fibrous Cement	Lightweight Concrete	Structural Concrete	Smooth-Surface BUR	Gravel-Surface BUR	Existing Single-Ply
Insulation Required	Yes	No	No	Yes	No	No	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		