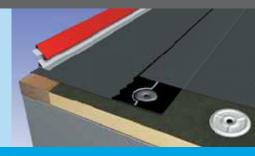
VERSI**GARD**

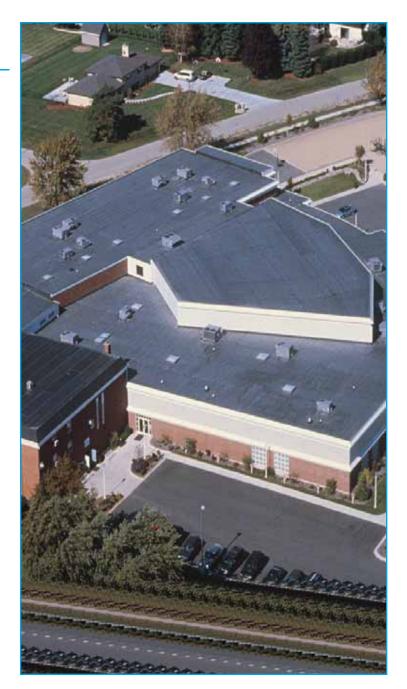


MECHANICALLY ATTACHED ROOFING SYSTEM

The VersiGard® Mechanically Attached Roofing System incorporates either 45-mil or 60-mil reinforced time-tested EPDM membrane.

Features and Benefits

- The completed assembly is easily inspected, a key for a sound maintenance program.
- Easily installed over a variety of substrates.
- Reinforced EPDM is lightweight and enables larger sheet widths between fastening thus lowering installation costs.
- Offers excellent fatigue, puncture and tear resistance.
- UL Class A, B and universal slope ratings are available.
- Can achieve FM 1-60 and 1-90 wind uplift rating.
- 5-year to 30-year No Dollar Limit Total System Warranty Coverage is available.
- 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.





A SINGLE SOURCE FOR SINGLE-PLY ROOFING



VERSIGARD .045" & .060" REINFORCED EPDM

Typical Properties and Characteristics

Physical Property	Test Method	SPEC. (Pass)	Standard	FR	
Tolerance on Nominal Thickness, %	ASTM D751	±10	±10	±10 0.016 (0.406) 0.020 (0.508)	
Thickness Over Scrim, min, in. (mm) .045 .060	ASTM D4637 Annex	0.015 (0.381) 0.015 (0.381)	0.016 (0.406) 0.020 (0.508)		
Weight, Ibm/ft² (kg/m²) 045 060			0.24 (1.2) 0.34 (1.7)	0.27 (1.3) 0.39 (1.9)	
Breaking Strength, min, psi (N)	ASTM D751	90 (400)	180 (800)	180 (800)	
Elongation, Ultimate, min, %	ASTM D412 Die C	250**	480**	480**	
Tearing Strength, min, Ibf/in (N)	ASTM D751 (B Tongue Tear)	10 (45)	30 (132)	30 (132)	
Brittleness Point, max, deg. F (deg. C)*	ASTM D2137	-49 (-45)	-60 (-51)	-60 (-51)	
Resistance to Heat Aging* Properties after 4 weeks @ 240°F (116°C) Breaking Strength, min, psi (N) Elongation, Ultimate, min, %	ASTM D573 ASTM D412	80 (355)	200 (890)	200 (890)	
	Die C	00 (000)	200 (000)	200 (000)	
Linear Dimensional Change, max, %	ASTM D751 ASTM D1204	200** ±1.0	250** -0.7	250** -0.7	
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	No Cracks	
Resistance to Water Absorption* After 7 days immersion @ 158°F (70°C) Change in mass, max, %	ASTM D471	+8, -2**	2.0**	2.0**	
Factory Seam Strength, min	ASTM D816 modified	Membrane Rupture	Membrane Rupture	Membrane Rupture	
Resistance to Outdoor (Ultraviolet) Weathering* Xenon-Arc, 7560 kJ/m ² total radiant exposure at 0.70 W/m ² irradiance, 176°F (80°C) Black Panel Temp.	ASTM D4637 Conditions	No Cracks No Crazing	No Cracks No Crazing	No Cracks No Crazing	

* 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.

	NEW CONSTRUCTION						RE-ROOFING			
Existing or New Deck Type	Steel	Plywood or OSB	Wood Planks	Gypsum & Fibrous Cement	Lightweight Concrete	Structural Concrete	Smooth– Surface BUR	Gravel– Surface BUR	Existing Single-Ply	
Insulation Required	Insulation	None	None	MP Safeguard Mat	None	MP Safeguard Mat	MP Safeguard Mat	Insulation	Insulation	
Recommended Insulation	Polyiso, Wood Fiberboard, Wood Fiberboard over Polystyrene							Refer to New Construction		
Insulation Attachment	Acceptable Versico Fasteners and Plates; Refer to Versico Specifications							Refer to New Construction		
Membrane Attachment	HPV Fasteners & Versico Polymer Seam Plates	HPV Fasteners & Versico Polymer or Seam Fastening Plates	HPV Fasteners & Versico Polymer or Seam Fastening Plates	Versico Lt. Wt. Fasteners & Plates or NTB	Versico Lt. Wt. Fasteners & Plates or NTB	Versico Concrete Spike or MP w/ Seam Plate	Refer to New Construction			

