

EverGuard® PVC 50 mil XK Smooth Membrane Data Sheet

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*Quality You Can Trust...From
North America's Largest Roofing Manufacturer!™*

EverGuard® PVC 50 mil XK Smooth Membrane

Applicable Standards

UL Listed, FM Approved, ASTM D4434, Title 24 Compliant, Miami-Dade County Product Control Approved, Florida Building Code Approved, and ENERGY STAR® Certified*

Physical Properties	Test Method	ASTM Minimum	EverGuard® PVC 50 mil XK Smooth Membrane Typical Test Data
1. Certain data is provided in MD (machine direction) x CMD (cross machine direction) format. 2. Data is based upon typical product performance, and is subject to normal manufacturing tolerance and variance.			
Scrim	Polyester - Designed for mechanically attached or fully adhered roofing		
Thickness	ASTM D751	0.046" (1.14 mm)	0.050" (1.27 mm)
Thickness over Scrim	ASTM D751	0.016" (0.40 mm)	0.017" (0.413 mm)
Tensile Strength	ASTM D4434	200 lbf (698 kg/m) (MD & CMD)	225 lbf (335 kg/m) (MD) & 265 lbf (395 kg/m) (CMD)
Tear Strength	ASTM D4434	45 lbf (67 kg/m) (MD & CMD)	50 lbf (75 kg/m) (MD & CMD)
Elongation at Break	ASTM D4434	15% (MD & CMD)	30% (MD & CMD)
Breaking Strength after Heat Aging	ASTM D3045	90%	90%
Elongation at Break after Heat Aging	ASTM D3045	90%	90%
Low Temperature Bend	ASTM D2136	-40°C	Pass
Change in Weight after Water Immersion	ASTM D570	±3%	±3%
Seam Strength	ASTM D751	75% (Percentage of tensile or breaking strength)	75% (Percentage of tensile or breaking strength)
Dimensional Stability	ASTM D1204	≤0.50%	≤1%
Static Puncture Resistance	ASTM D5602	Pass	Pass
Dynamic Puncture Resistance	ASTM D5635	Pass	Pass
Accelerated Weathering	ASTM G151 & G155	Pass	No surface cracking or crazing, negligible discoloration
Solar Reflectivity	ASTM C1549	No specific minimum listed per ASTM or specification	0.87 (initial white)/0.76 (aged white)
Emissivity	ASTM E903	No specific minimum listed per ASTM or specification	0.87 (initial white)/0.84 (aged white)
Solar Reflective Index (SRI)	ASTM E903	No specific minimum listed per ASTM or specification	110 (initial white)/93 (aged white)
Guarantee			
12 Years (Mechanically Attached & Fully Adhered)			

*ENERGY STAR® only valid in the U.S.

Product Data

Roll Size	Note: Product sizes, dimensions, and widths are nominal values and are subject to normal manufacturing/packaging tolerance and variation.				
	Colors	Full Sheet	Full-Roll Weight	Half Sheet	Half-Roll Weight
	White, Tan, and Gray	120" x 100' (3.05 m x 30.5 m)	410 lb. (186 kg)	60" x 100' (1.52 m x 30.5 m)	205 lb. (93 kg)
Note: Membrane rolls shipped horizontally on pallets, stacked pyramid-style and banded.					
Storage	Store rolls on their sides on pallets or shelving in a dry area.				
Safety Warning	Membrane rolls are heavy. Position and install by at least two people.				

