



# EverGuard® PVC Fleece-Back Membrane – Data Sheet

## Physical Properties (ASTM D 4434 – 21 Type III)

Type	ASTM Test Method	ASTM Minimum Values	EverGuard® PVC Test Values (approx.)*		
			50 mil	60 mil	80 mil
Overall Thickness	ASTM D 751	0.045"	0.05"	0.06"	0.08"
Thickness over Scrim	ASTM D 7635	0.016"	0.020"	0.025"	0.035"
Breaking Strength	ASTM D 751	200 lbf/in.	440 lbf MD / 355 lbf CD	440 lbf MD / 390 lbf CD	480 lbf MD / 440 lbf CD
Elongation at Break	ASTM D 751	15% MD/CD	30% MD/CD	30% MD/CD	30% MD/CD
Seam Strength	ASTM D 751	75%	Pass	Pass	Pass
Breaking Strength after Heat Aging	ASTM D 3045	90%	Pass	Pass	Pass
Elongation at Break after Heat Aging	ASTM D 3045	90%	Pass	Pass	Pass
Tear Strength	ASTM D 751	45 lbf	145 lbf MD/115 lbf CD	155 lbf MD/125 lbf CD	115 lbf MD/135 lbf CD
Low Temperature Bend	ASTM D 2136	Pass @ -40 °C	Pass	Pass	Pass
Accelerated Weathering	ASTM G 154/155† (Min. 5000 h)	Pass	Pass	Pass	Pass
Linear Dimensional Change	ASTM D 1204	≤0.5%	Pass	Pass	Pass
Change in Weight after Water Immersion	ASTM D 570	±3.0%	Pass	Pass	Pass
Static Puncture Resistance	ASTM D 5602	Pass	Pass	Pass	Pass
Dynamic Puncture Resistance	ASTM D 5602	Pass	Pass	Pass	Pass

\*Values stated are approximate and subject to normal manufacturing variation. These values are not guaranteed and are provided solely as a guide.

†At an irradiance level of 1.55 W/(m<sup>2</sup>·nm) at 340 nm

## Sustainability Ratings/Certifications

### Cool Roof Rating Council (CRRC)

Type	ASTM Test Method	Color	Product ID#	Initial			Aged		
				50 mil	60 mil	80 mil	50 mil	60 mil	80 mil
Solar Reflectance	ASTM C 1549	White	0676-0134a	0.87	0.87	0.87	0.70	0.70	0.70
Thermal Emittance	ASTM E 903	White	0676-0134a	0.87	0.87	0.87	0.88	0.88	0.88
Solar Reflectance Index (SRI)	ASTM E 903	White	0676-0134a	110	110	110	85	85	85

### LEED Information (White Only)

Manufacturing Location	Cedar City, UT
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## Applicable Standards/Approvals

UL Listed to ANSI/UL790 Class A (Refer to UL Product iQ for actual assemblies)	FM Approved (Refer to FM <a href="http://www.RoofNav.com">www.RoofNav.com</a> for actual assemblies)	Meets or Exceeds the physical requirements of ASTM D4434, Type III	State of Florida Approved
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Can be used to comply with 2019 Title 24, Part 6, Cool Roof Requirements of the California Code of Regulations (White only)

## Product Data

Roll Size	Colors	Full Roll Size	Full Roll Weight (Average)	Half Roll Size	Half Roll Weight (Average)
50 mil	White	10' x 100'	329 Lbs	5' x 100'	165 Lbs
60 mil	White	10' x 100'	388 Lbs	5' x 100'	194 Lbs
80 mil	White	10' x 80'	420 Lbs	5' x 80'	210 Lbs
<b>Storage</b>	Store on pallets in a clean, dry area at temperatures below 100°F.				
<b>Safety Warning</b>	Membrane rolls are heavy. Position and install by at least two people. Note: Membrane rolls shipped horizontally on pallets.				

For more information, contact GAF Technical Support Services at **1-877-GAF-ROOF**

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