



EverGuard® PVC XK Fleece-Back KEE Membrane — Data Sheet

Physical Properties (ASTM D4434, Type III)

Type	ASTM Test Method	ASTM Minimum Values	EverGuard® PVC XK Fleece-Back Test Values (approx.)*		
			50 mil	60 mil	80 mil
Nominal Thickness	ASTM D 751	0.045" (1.14 mm)	0.050" (1.27 mm)	0.060" (1.52 mm)	0.080" (2.03 mm)
Thickness over Scrim	ASTM D 7635	0.016" (0.14 mm)	0.017" (0.43 mm)	0.024" (0.61 mm)	0.032" (0.81 mm)
Breaking Strength	ASTM D 751	200 lbf/in. (890 N)	440 lbf MD / 360 lbf CD	455 lbf MD / 375 lbf CD	495 lbf MD / 430 lbf CD
Elongation at Break	ASTM D 751	15% MD / 15% CD	30% MD & CD	30% MD & CD	30% MD & CD
Factory Seam Strength	ASTM D 751	75%	75%	75%	75%
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 (200.2 N)	70 lbf (311.4 N) X 115 lbf (511.5 N)		
Low-Temperature Bend	ASTM D 2136	Pass	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 5635	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/(m²·nm) at 340 nm

Sustainability Ratings/Certifications

Cool Roof Rating Council (CRRC) — CRRC Rated Product ID # 0676-0091

Type	ASTM Test Method	Color	Initial	Aged**
Solar Reflectance	ASTM C 1549	White	0.87	0.76
Thermal Emittance	ASTM E 903	White	0.87	0.84
Solar Reflectance Index (SRI)	ASTM E 903	White	110	93

** CRRC Rapid Ratings: Interim laboratory-aged values that simulate naturally aged values and will be replaced by the measured three-year naturally aged values upon completion of the weathering process.

Applicable Standards/Approvals

Meets or exceeds the physical requirements of ASTM D4434, Type III

Classified by UL in accordance with ANSI/UL 790 (Refer to UL Product iQ for actual assemblies)		FM Approved (Refer to FM RoofNav.com for actual assemblies)		Miami-Dade Product Control Approved		State of Florida Approved
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Can be used to comply with 2022 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)	76" Roll Size	76" Roll Weight (Average)
50 mil	White	10' x 90' (3.05 m x 27.43 m)	336 lb. (152.4 kg)	76' x 90' (1.93 m x 27.48 m)	190 lb. (86.2 kg)
60 mil	White, Tan, and Gray	10' x 90' (3.05 m x 27.43 m)	382 lb. (173.3 kg)	76' x 90' (1.93 m x 27.43 m)	242 lb. (109.80 kg)
80 mil	White, Tan, and Gray	10' x 75' (3.05 m x 22.86 m)	422 lb. (191.4 kg)	76' x 75' (1.93 m x 22.86 m)	271 lb. (122.9 kg)

Storage Store on pallets in a clean, dry area at temperatures below 100°F; protect adhesive side from exposure to direct sunlight; and use care when handling the adhesive side of material. The adhesive is aggressive and will stick to skin.

Safety Warning Membrane rolls are heavy. Employ at least two people to position and install.

Note: Membrane rolls shipped horizontally on pallets.

For more information, contact GAF Technical Support Services at 1-877-GAF-ROOF | gaf.com

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