



# Time-tested PVC roof systems technology for premium performance, durability, and flexibility

## Features:

- **Premium performance**
- **High flexibility**, which is great for use on difficult contours and curves
- **Increased protection against chemicals** compared to TPO, EPDM, and asphaltic<sup>†</sup>
- **Excellent seam strength**: Heat-welded seams provide greater seam strength compared to taped seams
- **Seam integrity**: Positive bleed-out provides a visual indication of welding
- **Excellent** long-term weathering and UV resistance in ASTM 4434 and G154/155 testing
- **Superior fire performance** compared to other non-PVC single-ply roofing technologies\*\*
- **Potential cooling cost\*** and urban heat island effect reductions, thanks to a highly reflective and emissive white surface (white membranes only).
- **Easy to install due to:**
  - Complete line of prefabricated accessories<sup>§</sup>
  - 10'- (3.05 m) wide sheets
  - Fast installation with EverGuard<sup>®</sup> PVC Quick Lay Adhesive and PVC Quick Spray Adhesive
- **Guarantees are available up to 30 years** for qualified systems<sup>†</sup>
- **Colors**: Available in white, gray, and tan

## Application:

- **Mechanically attached application** for a quick and cost-effective system that can be installed practically year-round
- **RhinoBond<sup>®</sup> application** can be applied without using adhesives and installed practically year-round. Qualifies for the same guarantee length as an adhered system.<sup>‡</sup>
- **Adhered application** can be installed with EverGuard<sup>®</sup> #2331 Bonding Adhesive, PVC Quick Spray Adhesive, or EverGuard<sup>®</sup> PVC Quick Lay Adhesive (water-based) for smooth appearance

## PVC-specific training:

In addition to unmatched technical support, we offer comprehensive PVC-specific training including on-demand video content, a remote training trailer, and hands-on or virtual GAF CARE classes.

For PVC KEE membrane rolls only<sup>††</sup>



## Accessories<sup>§</sup>:

EverGuard<sup>®</sup> PVC prefabricated accessories deliver consistent quality and eliminate the worry and problems often associated with field fabrication. They can also boost productivity while reducing labor.

- Coated Speedtite<sup>™</sup> and Hercules<sup>®</sup> Drain
- Corner Curb Wrap
- Fluted Corner
- Inside Corner
- Preformed Split Pipe Boot
- Conical Vent Boot
- Preformed Vent Boot
- Scupper
- Split Pourable Sealant Pocket
- Square Tube Wrap
- T-Joint Cover Patches
- Universal Corner
- Vent
- Walkway Roll



For a complete list of EverGuard<sup>®</sup> PVC Accessories, visit [gaf.com](http://gaf.com)

\* Energy cost savings are not guaranteed and the amount of savings may vary based on climate zone, utility rates, radiative properties of roofing products, insulation levels, HVAC equipment efficiency, and other factors.

<sup>†</sup> GAF warranties and guarantees do not provide coverage against chemical exposure or exposure to grease, animal fats, and jet fuel. Refer to [gaf.com](http://gaf.com) for more information on warranty and guarantee coverage and restrictions.

<sup>‡</sup> Additional requirements apply. Contact GAF for more information.

<sup>§</sup> Accessory products are not FM Approved or Classified by UL.

<sup>\*\*</sup> In Class A E108 testing, specific EverGuard PVC roofing assemblies have demonstrated the capability to extinguish even when the flame source remains applied to the assembly.

<sup>††</sup> Excludes PVC accessories.

**Note:** RhinoBond<sup>®</sup> is a registered trademark of OMG, Inc.

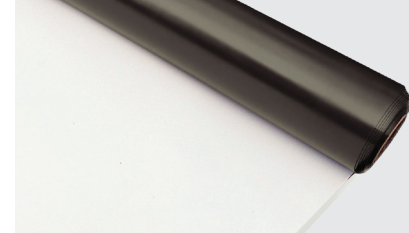


Visit [gaf.com](http://gaf.com)

For additional information, contact GAF Design Services at 1-877-423-7663 or [designservices@gaf.com](mailto:designservices@gaf.com)

We protect what matters most<sup>™</sup>





### Physical Properties (ASTM D4434 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" (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)	0.020" (0.51 mm)	0.024" (0.62 mm)	0.035" (0.89 mm)
Breaking Strength	ASTM D 751	200 lbf/in. (890 N)	320 lbf MD / 275 lbf CD	330 lbf MD / 290 lbf CD	360 lbf MD / 320 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%	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 (200.2 N)	145 lbf MD/70 lbf CD	155 lbf MD/82 lbf CD	145 lbf MD/70 lbf CD
Low-Temperature Bend	ASTM D 2136	Pass @ 104°F (-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 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/(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
Solar Reflectance	ASTM C 1549	White	0676-0134a	0.87	0.70
Thermal Emittance	ASTM E 903	White	0676-0134a	0.87	0.88
Solar Reflectance Index (SRI)	ASTM E 903	White	0676-0134a	110	86



#### LEED Information

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

Classified by UL in accordance with ANSI/UL 790, including as a component of Class A fire resistance-rated roofing assemblies. Refer to UL Product iQ for specific assemblies.		FM Approved (Refer toRoofNav.com for actual assemblies)		State of Florida Approved
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Can be used to comply with Title 24, Part 6, Cool Roof Requirements of the California Code of Regulations

### Product Data

Roll Size	Colors	Full Roll Size	Full Roll Weight (Average)	Half Roll Size	Half Roll Weight (Average)
50 mil	White, Gray, Tan	10' x 100' (3.05 m x 30.48 m)	318.0 lb. (144 kg)	5' x 100' (1.52 m x 30.48 m)	159.0 lb. (72 kg)
60 mil	White, Gray, Tan	10' x 100' (3.05 m x 30.48 m)	398.0 lb. (181 kg)	5' x 100' (1.52 m x 30.48 m)	199.0 lb. (90 kg)
80 mil	White, Gray, Tan	10' x 80' (3.05 m x 24.38 m)	422.0 lb. (191 kg)	5' x 80' (1.52 m x 24.38 m)	211.0 lb. (96 kg)
Storage	Store on pallets in a clean, dry area at temperatures below 100°F (38°C).				
Safety Warning	Membrane rolls are heavy. Employ at least two people to position and install.				

Note: Membrane rolls shipped horizontally on pallets.

