



The benefits of PVC plus increased durability, enhanced protection against chemical exposure* and reduced dirt pick-up.

Features:

- **Premium performance**
- **Increased protection** against chemicals, grease, and jet fuel compared to PVC, TPO, EPDM, and asphaltic roofing†
- **Exceptional** cold weather flexibility
- **Increased** long-term weathering and UV resistance compared to PVC in ASTM 4434 and G154/155 testing
- **Excellent seam strength:** Heat-welded seams provide greater seam strength compared to taped seams
- **High flexibility**, which is great for use on difficult contours and curves
- **Seam integrity:** Positive bleed-out provides a visual indication of welding
- **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).
- **Guarantees are available up to 30 years for qualified PVC KEE systems†** (up to 5 years longer than similar roofing systems using standard PVC)
- **Easy to install due to:**
 - Complete line of prefabricated accessories§
 - 10'- (3.05 m) wide sheets
 - Fast installation with PVC Quick Spray adhesive
- **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® application** can be applied without using adhesives and installed practically year-round. Qualifies for the same guarantee length as an adhered system.‡
- **Adhered application** can be installed with EverGuard #2331 Bonding Adhesive or PVC Quick Spray Adhesive

Why PVC KEE?

KEE (Ketone Ethylene Ester, aka Dow ELVALOY™ KEE) is a highly flexible polymer used as a plasticizer. Unlike the liquid plasticizers used in traditional PVC, KEE is a solid. PVC KEE membranes can help resist dirt pickup and mold/mildew, helping to keep the roof clean and reflective.** PVC KEE is often specified in applications that call for increased protection against chemicals such as grease, animal fats, and jet fuel.*

For PVC KEE membrane rolls only.††



**ASSEMBLED IN THE U.S.A.
AMERICAN JOBS
IN AMERICAN FACTORIES.**

Accessories§:

EverGuard® 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™ and Hercules® 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® PVC Accessories, visit gaf.com

* GAF warranties and guarantees do not provide coverage against chemical exposure or exposure to grease, animal fats, and jet fuel. Refer to gaf.com for more information on warranty and guarantee coverage and restrictions.

† 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.

‡ Additional requirements apply. Contact GAF for more information.

§ Accessory products are not FM Approved or Classified by UL.

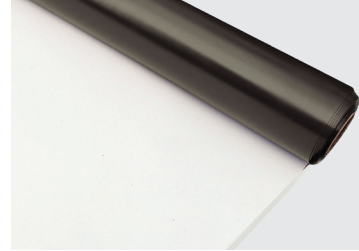
** In Class A E108 testing, specific EverGuard PVC roofing assemblies have demonstrated the capability to extinguish even when the flame source remains applied to the assembly.

†† Excludes PVC accessories.

‡‡ GAF warranties and guarantees do not provide coverage against dirt, mold, mildew, or other biological growth. Refer to gaf.com for more information on warranty and guarantee coverage and restrictions.

Note: RhinoBond® is a registered trademark of OMG, Inc.





Physical Properties (ASTM D 4434 - 21 Type III)


Type	ASTM Test Method	ASTM Minimum Values	EverGuard® PVC KEE 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)	0.020" (0.51 mm)	0.027" (0.69 mm)	0.038" (0.97 mm)
Breaking Strength	ASTM D 751	200 lbf/in. (890 N)	>270 lbf	>270 lbf	>270 lbf
Elongation at Break	ASTM D 751	15% MD / 15% CD	25% MD & CD	25% MD & CD	25% 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)	Pass	Pass	Pass
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%	≤0.2%	≤0.2%	≤0.2%
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) (White 0676-0135a)




Type	ASTM Test Method	Initial	Aged	
Solar Reflectance	ASTM C 1549	0.86	0.78	
Thermal Emittance	ASTM E 903	0.86	0.87	
Solar Reflectance Index (SRI)	ASTM E 903	109	96	

LEED Information (White Only)

Manufacturing Location	Cedar City, UT
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Applicable Standards/Approvals

Meets or exceeds the requirements of ASTM D4434 Type III

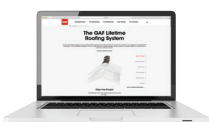
Classified by UL in accordance with ANSI/UL 790 (Refer to UL Product iQ for actual assemblies) 	FM Approved (Refer to FM RoofNav.com for actual assemblies) 	State of Florida Approved	Miami-Dade County Product Control Approved 
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Can be used to comply with 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, Gray, Tan	10' x 100' (3.05 m x 30.5 m)	318 lb. (145 kg)	5' x 100' (1.52 m x 30.5 m)	159 lb. (72 kg)
60 mil	White, Gray, Tan	10' x 100' (3.05 m x 30.5 m)	377 lb. (171 kg)	5' x 100' (1.52 m x 30.5 m)	189 lb. (86 kg)
80 mil	White, Gray, Tan	10' x 80' (3.05 m x 24.4 m)	401 lb. (182 kg)	5' x 80' (1.52 m x 24.4 m)	201 lb. (91 kg)
Storage	Store on pallets in a clean, dry area at temperatures below 100°F.				
Safety Warning	Membrane rolls are heavy. Employ at least two people to position and install.				

Note: Membrane rolls shipped horizontally on pallets.



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