EverGuard® Self-Adhered TPO Membrane

Factory-applied adhesive can help you save time and labor on TPO membrane installation:

The GAF EverGuard® SA TPO Self-Adhered Roof Membrane is ready to install direct from the factory.

- Uses hot-melt, pressure-sensitive (HMPSA) to retain bonding power at temperatures down to 20°F (-7°C)
- No waiting for flash-off and no adhesive containers to dispose of
- Suitable for jobs on occupied buildings where odor associated with traditional solvent-based adhesives are a concern
- More flexible than GAF standard TPO

Get the benefits of TPO, plus easy installation:

- Excellent seam strength — heat-welded seams provide excellent long-term performance
- Long-term weathering protection — excellent protection against the damage caused by heat, weather elements, and UV rays
- Fast to install — up to 60% faster membrane installation than traditional GAF TPO bucket adhesives, based on head-to-head testing under controlled laboratory conditions
- Minimal disruption to building occupants — avoid odor associated with solvent-based adhesives. Minimal disruption to building occupants makes it a good option for use on buildings like schools and hospitals.
- Easy clean-up — no buckets, rollers, or canisters to dispose of — just the release liner
- Cold-weather application — can be installed at temperatures as low as 20°F (-7°C)
- FM approved* and UL listed†
- Versatile — can be applied directly to a variety of substrates, including ISO, HD ISO, and gypsum boards, with no primer or anchor sheet required‡
- Warranty or guarantee coverage available for up to 25 years for qualified systems§
- Reflective white membrane — can help reduce building cooling costs**

Available sizes and colors:

- White only
- Thickness: 60 mil and 80 mil
- Roll sizes: 5' x 100' and 10' x 100'

Easy to install

1. Kick out the roll

2. Remove the release liner

3. Broom in the sheet

4. Use a weighted roller

5. Heat-weld the seams

* FM Approved — refer to RoofNav.com for actual assemblies.
† Classified by UL in accordance with ANSI/UL 790. Refer to UL Product iQ for specific assemblies.
‡ Refer to application instructions for approved substrates and additional information.
§ Additional requirements apply. Contact GAF for more information. See applicable guarantee or warranty documents, available at gaf.com, for complete 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.

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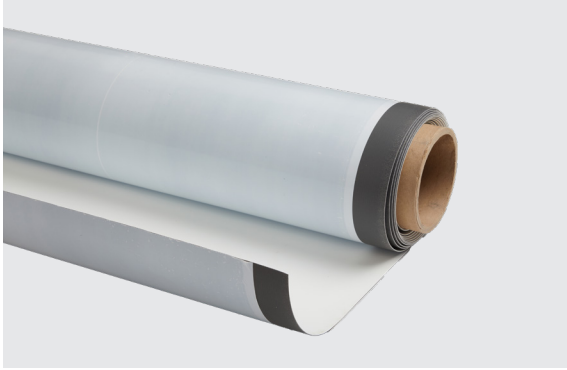

Physical Properties (ASTM D6878)

Type	ASTM Test Method	ASTM Minimum Values	EverGuard® Test Values (approx.)*	
			60 mil	80 mil
Nominal Thickness	ASTM D751	0.039"	0.060" (1.52 mm)	.080" (2.03 mm)
Coating over Scrim	ASTM D7635	0.015"	0.026" (0.66 mm)	.035" (0.89 mm)
Breaking Strength	ASTM D751 Grab Method MD	220 lbf (978 N)	338 lbf MD / 305 lbf CD (1,504 N MD/ 1357 N CD)	400 lbf MD / 380 lbf CD (1,779 N MD/ 1,690 N CD)
Factory Seam Strength	ASTM D751	66 lbf (294 N)	134 lbf (596 N)	134 lbf (596 N)
Weather Resistance	ASTM G155	10,080 kJ/m² at 340 nm, No cracks at 7X	>20,160 kJ/m² at 340 nm, No cracks, Pass	>20,160 kJ/m² at 340 nm, No cracks, Pass
Elongation at Break	ASTM D751	15%	30%	30%
Heat Aging	ASTM D573	≤1.5% weight change after 8 weeks @ 275°F (135°C); No cracks at 7X magnification	Pass	Pass
Tear Strength	ASTM D751 (8" x 8" Sample)	55 lbf	Pass	Pass
Cold Brittleness	ASTM D2137	-40°F (-40°C)	Pass	Pass
Dimensional Change	ASTM D1204	±1%	Pass	Pass
Water Absorption	ASTM D471	±3%	Pass	Pass
Ozone Exposure	ASTM D1149	No cracks	Pass	Pass

Additional Properties

Air Permeance	ASTM E2178	Not Established	<0.02 L/(s•m²)	

Available Guarantees	Up to 20 years	Up to 25 years

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

For additional information, contact GAF Design Services at **1-877-423-7663** or **designservices@gaf.com**

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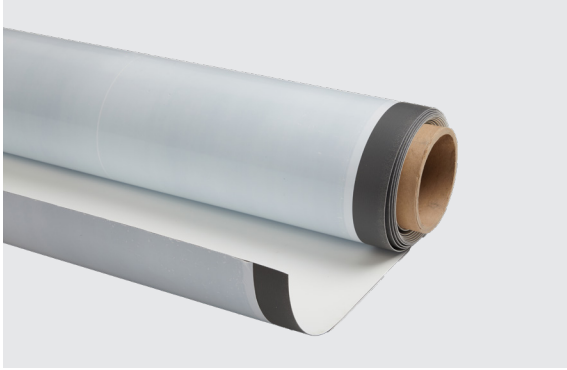

Sustainability Ratings/Certifications

The ratings below are subject to CRRC rating program conditions, requirements, and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating conditions, requirements, and limitations.

Product ID#	Type	Solar Reflectance	Thermal Emittance	Solar Reflectance Index (SRI)
	ASTM Test Method	ASTM C1549	ASTM C1371	ASTM E1980
White 0676-0159	Initial	0.81	0.90	101
	Aged 3 yrs*	0.67	0.90	82

LEED Information

Manufacturing Location	Mount Vernon, IN

Applicable Standards and Approvals

Classified by UL in accordance with ANSI/UL 790. Refer to UL Product iQ for actual assemblies.	FM Approved (Refer to roofnav.com for actual assemblies).	Miami-Dade County Product Control Approved
Can be used to comply with the Title 24, Part 6, Cool Roof Requirements of the California Code of Regulations.	State of Florida Approved	Meets or exceeds the requirements of the Texas Department of Insurance.

Product Data

Roll Size	60 mil	80 mil
10' Roll Size	10' x 100' (3.05 m x 30.5 m) 1,000 sq. ft. (92.9 sq. m)	10' x 100' (3.05 m x 30.5 m) 1,000 sq. ft. (92.9 sq. m)
10' Roll Weight (Average)	372 lb. (169 kg)	456 lb. (207 kg)
5' Roll Size	5' x 100' (1.52 m x 30.5 m) 500 sq. ft. (46.5 sq. m)	5' x 100' (1.52 m x 30.5 m) 500 sq. ft. (46.5 sq. m)
5' Roll Weight (Average)	186 lb. (86 kg)	228 lb. (103 kg)
Colors	White	
Shelf Life	18 months from the date of manufacture when stored properly.	
Storage	Store in a clean, dry environment between 60°F (16°C) and 100°F (38°C) and out of direct sunlight. When stored onsite, the membrane must be kept dry and at least 20°F (-7°C) prior to installation.	
Safety Warning	Caution must be taken when moving the membrane rolls. Use care when handling the adhesive side as it is aggressive and will stick to skin. Refer to SDS for additional safety information.	

* 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.
Product-specific EPD contributes toward satisfying Environmental Product Declaration credit under LEED.
Membrane rolls shipped horizontally on pallets.

Visit **gaf.com**

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We protect what matters most™

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