

EverGuard®
GAF Self-Adhered TPO
 Roof 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
- 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
- **FM approved¹ and UL listed²**
- **Versatile** — can be applied directly to a variety of substrates including ISO, HD ISO, and gypsum boards, with no primer or anchor sheet required³
- **Warranty or guarantee coverage available for up to 25 years for qualified systems⁴**
- **Reflective white membrane** — can help reduce building cooling costs⁵

Available sizes and colors:

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

¹ FM Approved — refer to RoofNav.com for actual assemblies.

² Classified by UL in accordance with ANSI/UL 790. Refer to UL Product iQ for specific assemblies.

³ Refer to application instructions for approved substrates and additional information.

⁴ Additional requirements apply. Contact GAF for more information. See applicable guarantee or warranty documents, available at gaf.com, for complete coverage and restrictions.

⁵ 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.

Easy to install

- Kick out the roll



- Remove the release liner



- Broom in the sheet



- Use a weighted roller



- Heat weld the seams



For additional information, including videos, visit gaf.com/SATPO

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PHYSICAL PROPERTIES (ASTM D 6878)

Type	ASTM Test Method	ASTM Minimum Values	EverGuard® Test Values (approx.) ¹	
			60 mil	80 mil
Nominal Thickness	ASTM D 751	0.039"	0.060" (1.52 mm)	.080" (2.03 mm)
Coating over Scrim	ASTM D 7635	0.015"	0.026" (0.66 mm)	.035" (0.89 mm)
Breaking Strength	ASTM D 751 Grab Method MD	220 lbf	338 lbf MD / 305 lbf CD	400 lbf MD / 380 lbf CD
Factory Seam Strength	ASTM D 751	66 lbf	134 lbf	134 lbf
Weather Resistance	ASTM G 155	10,080 kJ/m ² at 340 nm, No cracks at 7X	>20,160 kJ/m ² at 340 nm, No cracks, Pass	>20,160 kJ/m ² at 340 nm, No cracks, Pass
Elongation at Break	ASTM D 751	15%	30%	30%
Heat Aging	ASTM D573	≤1.5% Weight change after 8 weeks @ 275 °F, No cracks at 7X	Pass	Pass
Tear Strength	ASTM D 751 (8" x 8" Sample)	55 lbf	Pass	Pass
Cold Brittleness	ASTM D 2137	-40 °F	Pass	Pass
Dimensional Change	ASTM D 1204	±1%	Pass	Pass
Water Absorption	ASTM D 471	±3%	Pass	Pass
Ozone Exposure	ASTM D 1149	No cracks	Pass	Pass
Guarantee			Up to 20 years	Up to 25 years

ADDITIONAL PHYSICAL PROPERTIES

Type	ASTM Test Method	ASTM Minimum	Data Source
Air Permeance	ASTM E 2178	—	<0.02 L/(s·m ²)

¹ Values stated are approximate and subject to normal manufacturing variation. These values are not guaranteed and are provided solely as a guide.

SUSTAINABILITY RATINGS/CERTIFICATIONS

Cool Roof Rating Council (CRRC)					
Type	ASTM Test Method	Color	Product ID#	Initial	Aged ²
Solar Reflectance	ASTM C-1549	White	0676-0159	0.81	0.65
Thermal Emittance	ASTM C-1371	White	0676-0159	0.90	0.91
Solar Reflectance Index (SRI)	ASTM E-1980	White	0676-0159	101	79

² 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.

LEED Information	
Manufacturing Location	Mount Vernon, IN

APPLICABLE STANDARDS/ APPROVALS

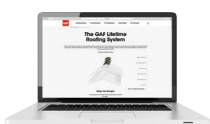
 Classified by UL in accordance with ANSI/UL 790. Refer to UL Product iQ for actual assemblies.	 FM Approved (Refer to roofnav.com for actual assemblies).	 Miami-Dade County Product Control Approved	State of Florida Approved	Meets or exceeds the requirements of the Texas Department of Insurance.
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Can be used to comply with the 2022 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)	Full Roll Size	Full Roll Weight (Average)
60 mil	White	10' x 100'	372 lb.	5' x 100'	186 lb.
80 mil	White	10' x 100'	456 lb.	5' x 100'	228 lb.
Shelf Life	18 months from the date of manufacture when stored properly.				
Storage	Store in a clean, dry environment between 60 °F and 100 °F and out of direct sunlight. When stored onsite, the membrane must be kept dry and at least 20 °F 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.				

Note: Membrane rolls shipped horizontally on pallets.



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