

# GAF EverGuard® SA TPO

Self-Adhered 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's 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 approved<sup>1</sup> and UL listed<sup>2</sup>**
- **Versatile** — Can be applied directly to a variety of substrates including ISO, HD ISO, and gypsum boards, with no primer or anchor sheet required<sup>3</sup>
- **Warranty or guarantee coverage available for up to 20 years<sup>4</sup>**
- **Reflective white membrane** — Can help reduce building cooling costs<sup>5</sup>

## Available sizes and colors:

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

<sup>1</sup> FM Approved — refer to RoofNav.com for actual assemblies

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

<sup>3</sup> Refer to application instructions for approved substrates and additional information.

<sup>4</sup> Additional requirements may apply. Contact GAF for more information. See applicable guarantee or warranty documents, available at [gaf.com](http://gaf.com), for complete coverage and restrictions.

<sup>5</sup> 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 of seams**



# EverGuard® SA TPO Membrane 60 mil

## PHYSICAL PROPERTIES (ASTM D 6878)

Type	ASTM Test Method	ASTM Minimum Values	EverGuard® Test Values (approx.)*
Nominal Thickness	ASTM D 751	0.039"	0.060"
Coating over Scrim	ASTM D 7635	0.015"	0.026"
Breaking Strength	ASTM D 751 Grab Method MD	220 lbf	338 lbf MD / 305 lbf CD
Factory Seam Strength	ASTM D 751	66 lbf	134 lbf
Weather Resistance	ASTM G 155	10,080 kJ/m <sup>2</sup> at 340 nm, No cracks at 7X	>20,160 kJ/m <sup>2</sup> at 340 nm, No cracks, Pass
Elongation at Break	ASTM D 751	15%	35% MD / 31% CD
Heat Aging	ASTM D573	≤1.5% Weight change after 8 Weeks @ 275°F, No cracks at 7X	0.9% @ 8 Weeks, No cracks
Tear Strength	ASTM D 751 (8" x 8" Sample)	55 lbf	Pass
Cold Brittleness	ASTM D 2137	-40 °F	89 lbf MD / 127 lbf CD
Dimensional Change	ASTM D 1204	±1%	Pass
Water Absorption	ASTM D 471	±3%	-0.32% MD / -0.11% CD
Ozone Exposure	ASTM D 1149	No cracks	Pass

## ADDITIONAL PHYSICAL PROPERTIES

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

\* 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*
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)	—	White	—	101	79

\*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
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## APPLICABLE STANDARDS/ APPROVALS

<b>UL Listed</b> (Refer to UL Product iQ for actual assemblies)	<b>FM Approved</b> (Refer to FM RoofNav.com for actual assemblies)	<b>Dade County Product Approval</b>	<b>Florida Building Code Approved</b>
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Can be used to comply with the 2019 Title 24, Part 6, Cool Roof Requirements of the California Code of Regulations.

## PRODUCT DATA

<b>Roll Size</b>	Colors	Full Roll Size	Full Roll Weight (Average)	Full Roll Size	Full Roll Weight (Average)
	White	10' x 100'	372 lb.	5' x 100'	186 lb.
<b>Shelf Life</b>	18 months from the date of manufacture when stored properly.				
<b>Storage</b>	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.				
<b>Safety Warning</b>	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.

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

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