

# GAF EverGuard® SATPO

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 adhesive (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, according to GAF tests. 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 cost<sup>5</sup>

## Available sizes and colors:

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

<sup>1</sup> Refer to [www.RoofNav.com](http://www.RoofNav.com) for actual assemblies.

<sup>2</sup> Refer to UL Product\_iQ for actual 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 [www.gaf.com](http://www.gaf.com), for complete coverage and restrictions.

<sup>5</sup> Refer to application instructions for approved substrates and additional information.

## Easy to install

- **Kick out the roll**



- **Remove the release liner**



- **Broom in the sheet**



- **Use a weighted roller**



- **Heat weld seams**



For additional information, including videos, visit [gaf.com/SATPO](http://gaf.com/SATPO)

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# GAF EverGuard® SA TPO Membrane 60 mil – Data Sheet

## Physical Properties (ASTM D 6878-19)

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 Pass
Tear Strength	ASTM D 751 (8" x 8" Sample)	55 lbf	89 lbf MD / 127 lbf CD
Cold Brittleness	ASTM D 2137	-40 °F	Pass
Dimensional Change	ASTM D 1204	±1%	-0.32% MD / -0.11% CD
Water Absorption	ASTM D 471	±3%	Pass
Ozone Exposure	ASTM D 1149	No cracks	No cracks

## Additional Physical Properties

Air Permeance	ASTM E 2178	-	<0.02 L/(s·m <sup>2</sup> )
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\*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

UL Listed (Refer to UL Product iQ for actual assemblies)	FM Approved (Refer to FM <a href="http://www.RoofNav.com">www.RoofNav.com</a> for actual assemblies)	Dade County Product Approval	Florida Building Code Approved
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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

Roll Size	Colors	Full Roll Size	Full Roll Weight (Average)	Half Roll Size	Half Roll Weight (Average)
	White	10' x 100'	372 lbs	5' x 100'	186 lbs
Storage	Store on pallets in a clean, dry area at temperatures below 100°F; protect adhesive side from exposure to direct sunlight; and use care when handling the adhesive side of material. The adhesive is aggressive and will stick to skin.				
Safety Warning	Membrane rolls are heavy. Position and install by at least two people. Note: Membrane rolls shipped horizontally on pallets.				

For more information, contact GAF Technical Support Services at **1-877-GAF-ROOF** or go to **[www.gaf.com/SATPO](http://www.gaf.com/SATPO)**

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