

# EverGuard<sup>®</sup> TPO Fully-Adhered Membrane Application

Updated: 12/09

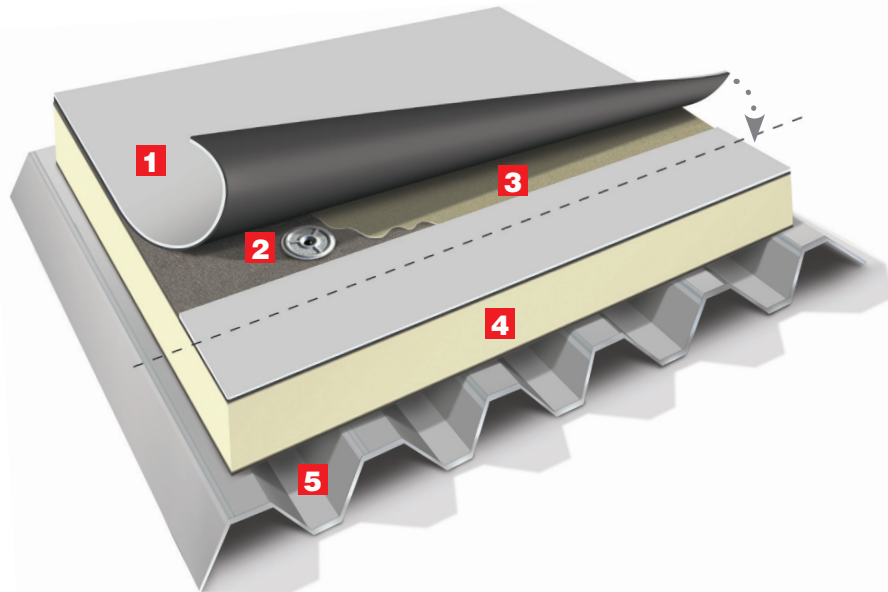


**Quality You Can Trust Since 1886...  
From North America's Largest Roofing Manufacturer!™**



# EverGuard<sup>®</sup>TPO

SINGLE-PLY ROOFING MEMBRANES



## FULLY-ADHERED MEMBRANE TYPICAL APPLICATION

1. EverGuard<sup>®</sup> TPO Reinforced Membrane
2. GAF DRILL•TEC<sup>™</sup> Insulation Fasteners and Plates
3. EverGuard<sup>®</sup> Approved Bonding Adhesive
4. EnergyGuard<sup>™</sup> Insulation
5. Approved Roof Deck

## SYSTEM FEATURES AND BENEFITS INCLUDE...

- Wider TPO membranes
- Heat-weldable seams
- High wind uplift performance
- Thick top-ply for enhanced weathering and durability
- EverGuard<sup>®</sup> membranes are ENERGY STAR<sup>®</sup> qualified and CRRC listed
- Complete line-up of EverGuard<sup>®</sup> TPO accessories

**FULLY-ADHERED**  
 Membrane Application

NEW CONSTRUCTION							REROOFING		
Existing or New Deck Type	Steel	Plywood or OSB	Lt. Wt. Concrete	Structural Concrete	Wood Planks	Cementitious Wood Fiber	Smooth Surface BUR	Gravel Surface BUR	Existing Single-Ply
Insulation Required	YES	NO	YES	NO	YES	YES	YES	YES	YES
Recommended Insulations	GAF EverGuard <sup>®</sup> Polyiso, High Density Fiberboard, HD Fiberboard over Polystyrene, DensDeck Prime <sup>®</sup> , Securock <sup>®</sup>						Refer To New Construction		
Insulation Attached By	OlyBond 500 adhesive or approved GAF DRILL•TEC <sup>™</sup> fasteners and plates						Refer To New Construction		
Membrane Attached By	EverGuard <sup>®</sup> TPO Bonding Adhesive						Refer To New Construction		

For tear-off options, refer to "New Construction" above  
 For current code approvals and guarantees, visit the GAF website @ [www.gaf.com](http://www.gaf.com)

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California Title 24 Compliant



TPO membranes meet the performance requirements of ICC ER-6030

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## Installation

- GAF's EverGuard<sup>®</sup> TPO Fully-Adhered Roofing System utilizes membranes in standard 45,60 or 80-mil thicknesses.
- Insulation, where required, is secured to an acceptable roof deck.
- EverGuard<sup>®</sup> TPO membrane sheets are fully-adhered to the insulation or substrate with GAF's EverGuard<sup>®</sup> bonding adhesive.
- Adjoining sheets are overlapped and joined together with a minimum 1-1/2" wide weld.

The above information represents a typical GAF EverGuard<sup>®</sup> TPO fully-adhered roofing system. Refer to GAF published specifications and application details for complete information.

## EverGuard<sup>®</sup> Membrane Strengths

- Available in-stock colors: White, Gray, Tan, Regal Red, Regal Blue, and Hartford Green.
- Available pre-formulated colors: Energy Gray, Energy Tan, and 14 others.
- Custom colors also available.
- EverGuard<sup>®</sup> TPO reflectivity values exceed industry standards and the membrane meets the criteria for the ENERGY STAR<sup>®</sup> Program.
- Membranes are environmentally friendly, have no chlorine or other harmful bi-products and contain post-industrial recycled materials.
- 45, 60 & 80-mil thicknesses.
- 4', 5', 8' & 10' widths.
- 50' & 100' lengths standard.
- EverGuard<sup>®</sup> TPO's top-ply surface is thicker and smoother than most other membranes in the market, providing long-term weatherability, superior welding results, and reduced contaminant pick-up.
- EverGuard<sup>®</sup> TPO exceeds ASTM D6878 standards.

## System Codes

- UL Class A & B slope ratings are available over any roof deck type.
- FM uplift values up to 120 psf are available.

For code specifics, refer to GAF's code section in the EverGuard<sup>®</sup> Applications and Specifications Manual.

## Quality Assurance

GAF factory-certified roofing contractors are fully trained to install EverGuard<sup>®</sup> TPO Roofing products and systems.

## Inspection

Upon installation completion and prior to the issuance of a system guarantee, an inspection will be conducted by a GAF quality assurance representative to ensure proper installation.

## Guarantees\*

- This system, properly installed and inspected on a commercial property may receive:
- A 10 or 15 year System Warranty; peak gust wind speed coverage up to 55 mph.
  - A 20-year EverGuard<sup>®</sup> Warranty is available with a 60 or 80-mil TPO membrane.
  - Higher wind speed warranties are available upon review and acceptance by GAF.
  - A 10-year EverGuard<sup>®</sup> Reflectivity Warranty (based on ENERGY STAR<sup>®</sup> criteria) is available on white membranes only.
  - Impact Resistance Warranties available upon request and project review.

*Ask about the GAF Well Roof<sup>™</sup> Advantage...  
a free 25% extension on your Diamond Pledge<sup>™</sup>  
NDL guarantee.\*\**

*\* Consult with your certified applicator or GAF Representative for warranty charges.*

*\*\* See Well Roof<sup>™</sup> Advantage Diamond Pledge<sup>™</sup>  
Addendum for complete details and requirements.*



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