

EverGuard® RhinoBond® Metal Retrofit Information Sheet

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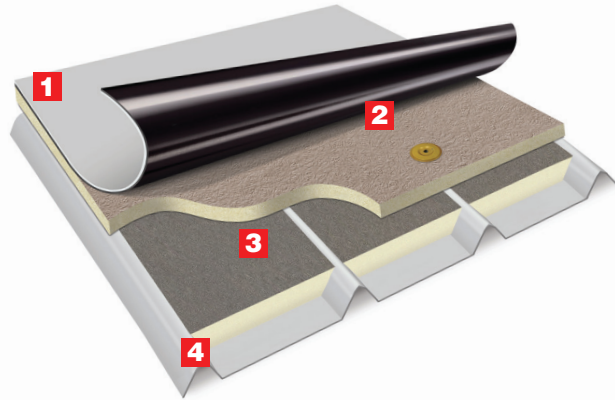


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EVERGUARD® & EVERGUARD EXTREME® TPO

RHINO BOND® METAL RETROFIT Membrane Application



RHINO BOND® ATTACHED MEMBRANE METAL RETROFIT APPLICATION

1. EverGuard® or EverGuard Extreme® TPO Reinforced Membrane
2. GAF Drill-Tec™ Purlin Fasteners and RhinoBond® TPO XHD Plates
3. EnergyGuard™ Insulation and Flute Filler
4. Existing Metal Panel Roof

SYSTEM FEATURES AND BENEFITS INCLUDE...

- Energy Efficient... Added insulating R-value
- Versatile Installation... Can be installed year-round
- Increased Productivity... Installs in half the time as traditional adhesive. Faster dry-in.
- Saves on Materials... No half sheets needed, fewer fasteners
- Helps Reduce Risk... Non-membrane-penetrating fastening system which can help reduce installation errors
- Excellent Wind Uplift Performance

METAL RETROFIT	
Existing Roof	Metal Panel
Flute Filler Required	EnergyGuard® Polyiso Insulation or approved flute filler
Recommended Insulations & Cover Boards	GAF EnergyGuard™ Polyiso, EnergyGuard™ HD Polyiso, EnergyGuard™ HD PLUS Polyiso, High Density Fiber Board, DensDeck®, DensDeck® Prime, Securock®
Insulation Attachment	Approved Drill-Tec™ Fastener and Insulation Plates
Membrane Attachment	GAF Drill-Tec™ Purlin Fasteners and RhinoBond® TPO XHD Plates into Metal Purlin

For current code approvals and guarantees, visit gaf.com.
RhinoBond® is a registered trademark of OMG, Inc.

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EVERGUARD® & EVERGUARD EXTREME® TPO

Installation

- GAF EverGuard® and EverGuard Extreme® TPO RhinoBond® Metal Retrofit Roofing System utilizes membranes in standard thicknesses.
- Insulation is preliminarily secured to the metal panel roof deck.
- The RhinoBond® plates are mechanically attached directly into the structural purlin.

The above information represents a typical GAF EverGuard® or EverGuard Extreme® TPO RhinoBond® Metal Retrofit Roofing System. Refer to GAF published application and specifications manual for complete information.

EverGuard® or EverGuard Extreme® TPO Membrane Strengths

- Available in-stock colors: White[†], Gray, Tan, Energy Tan, and Energy Gray.
- Available in 14 preformulated colors.
- Custom colors also available.
- EverGuard® and EverGuard Extreme® TPO are available in highly reflective colors that are ENERGY STAR® certified (U.S. only).*
- Membranes have no chlorine or other harmful bi-products and contain post-industrial recycled materials.
- EverGuard® TPO 45, 60 and 80 mil thicknesses and EverGuard Extreme® TPO 50, 60, 70, and 80 mil thicknesses.
- 10' (3.05 m) widths.
- 100' (30.5 m) length.
- EverGuard® and EverGuard Extreme® TPO meet ASTM D6878
- See EverGuard® and EverGuard Extreme® data sheets for typical values including heat aging, weathering, and thickness above scrim
- Independent TPO study proves EverGuard® TPO membrane is the best standard 60 mil TPO in accelerated aging. View the findings at tporesults.com.

Available System Code Approvals



- FM Approved systems meeting maximum Class 1-195¹
- Systems Classified by UL in accordance with ANSI/UL 790 Class A and Class B²
- Miami-Dade County Product Control Approved Systems³

¹ Refer to FM RoofNav online for details

² Refer to UL's Online Certifications Directory for details

³ Refer to product control NOAs for specific roof assemblies

Trained Contractors

GAF factory-certified roofing contractors are fully trained to install EverGuard® TPO roofing products and systems.

Inspection

Prior to the issuance of a Diamond Pledge™ NDL Roof Guarantee (if purchased), an inspection will be conducted by a GAF representative.

Guarantees/Warranties**

- This system may be eligible to receive up to 20-year system guarantee.
- Diamond Pledge™ NDL Roof Guarantee (some restrictions and specification requirements may apply).
- Higher wind-speed warranties may be available upon review and acceptance by GAF.

Ask about the GAF WellRoof® Guarantee Extension... your roof may be eligible for a guarantee extension up to 25% of the original guarantee term when you have your roof installed and inspected by a GAF certified maintenance professional, qualifying roofs only.***

*Applies to EverGuard® TPO in White, Tan, Energy Tan, and Energy Gray colors and EverGuard Extreme® TPO in White. These products have been listed with CRRC for use in Title 24 projects.

**Consult with your certified applicator or GAF Representative for guarantee/warranty charges. See applicable guarantee/warranty for complete coverage and restrictions.

***See gaf.com for details. See the WellRoof® Guarantee Extension for complete coverage and restrictions.

[†]EverGuard Extreme® TPO is only available in White



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