### Adhered Membrane Typical Application

1. EverGuard® TPO Reinforced Membrane
2. GAF Drill-Tec™ Insulation Fasteners and Plates
3. EverGuard® Approved Bonding Adhesive
4. EnergyGuard™ 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® membranes are ENERGY STAR® qualified (U.S. only) and rated by CRRC
- Complete line-up of EverGuard® TPO accessories

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### New Construction

<table>
<thead>
<tr>
<th>Existing or New Deck Type</th>
<th>Steel</th>
<th>Plywood or OSB</th>
<th>Lt. Wt. Concrete</th>
<th>Structural Concrete</th>
<th>Wood Planks</th>
<th>Cementitious Wood Fiber</th>
<th>Smooth Surface BUR</th>
<th>Gravel-Surfaced BUR</th>
<th>Existing Single-Ply</th>
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</thead>
<tbody>
<tr>
<td>Insulation Required</td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
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<tr>
<td>Recommended Insulations</td>
<td>GAF EnergyGuard™ Polyiso, EnergyGuard™ HD Polyiso, EnergyGuard™ HD Plus, High Density Fiber Board, HD Fiber Board over Polystyrene, DensDeck® Prime, SECUROCK®</td>
<td>Refer To New Construction</td>
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<tr>
<td>Insulation Attached By</td>
<td>GAF 2-Part Roofing Adhesive, GAF LRF Adhesive M, OlyBond500® Adhesive, or approved GAF Drill-Tec™ Fasteners and Plates</td>
<td>Refer To New Construction</td>
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<tr>
<td>Membrane Attached By</td>
<td>EverGuard® 1121 Bonding Adhesive, EverGuard® Low VOC TPO Bonding Adhesive, EverGuard® WB181 Bonding Adhesive</td>
<td>Refer To New Construction</td>
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For tear-off options, refer to “New Construction” above.
For current code approvals and guarantees, visit gaf.com.

TPO membranes meet the performance requirements of ICC ER-6030.
Installation
• The GAF EverGuard® TPO Adhered Roofing System utilizes membranes in standard 45, 60, or 80 mil thicknesses.
• Insulation, where required, is secured to an acceptable roof deck.
• EverGuard® TPO membrane sheets are adhered to the insulation or substrate with GAF EverGuard® 1121 Bonding Adhesive, EverGuard® Low VOC TPO Bonding Adhesive, or water-based EverGuard® WB181 Bonding Adhesive.
• Adjoining sheets are overlapped and joined together with a minimum 1½” (38.1 mm) wide weld.

The above information represents a typical GAF EverGuard® TPO Adhered Roofing System. Refer to GAF published application and specifications manual for complete information.

EverGuard® Membrane Strengths
• Available in-stock colors: White, Gray, and Tan.
• Available preformulated colors: Energy Gray, Energy Tan, and 14 others.
• Custom colors also available.
• EverGuard® TPO reflectivity values exceed industry standards and the membrane meets the criteria for the ENERGY STAR® Program (U.S. only).
• Membranes are environmentally friendly; they have no chlorine or other harmful by-products and contain post-industrial recycled materials.
• 45, 60 & 80 mil thicknesses.
• 4’ (1.21 m), 5’ (1.52 m), 8’ (2.44 m) & 10’ (3.05 m) widths.
• 50’ (15.24 m) & 100’ (30.5 m) lengths standard.
• EverGuard® TPO’s top-ply surface is thicker and smoother than most other membranes on the market, providing long-term weatherability, excellent welding results, and reduced contaminant pick-up.
• EverGuard® 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 the GAF codes section in the applicable EverGuard® application and specifications manual.

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

Inspection
Prior to the issuance of a system guarantee (if purchased), an inspection will be conducted by a GAF representative to ensure proper installation.

Guarantees/Warranties*
This system, properly installed and inspected on a commercial property, may be eligible to receive:
• Guarantees with 60 mil, up to 25 years; with 80 mil, up to 30 years.
• Higher wind-speed warranties upon review and acceptance by GAF.
• A 10-year EverGuard® TPO Reflectivity Limited Warranty (based on ENERGY STAR® criteria; U.S. only) on white membranes only.
• Impact-resistance warranties upon request and project review.

Ask about the GAF WellRoof® Guarantee Extension...a free 25% extension on your Diamond Pledge™ NDL Roof Guarantee.**

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