

# EverGuard® PVC Roofing Systems Brochure

Updated: 7/11



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

[www.gaf.com](http://www.gaf.com)

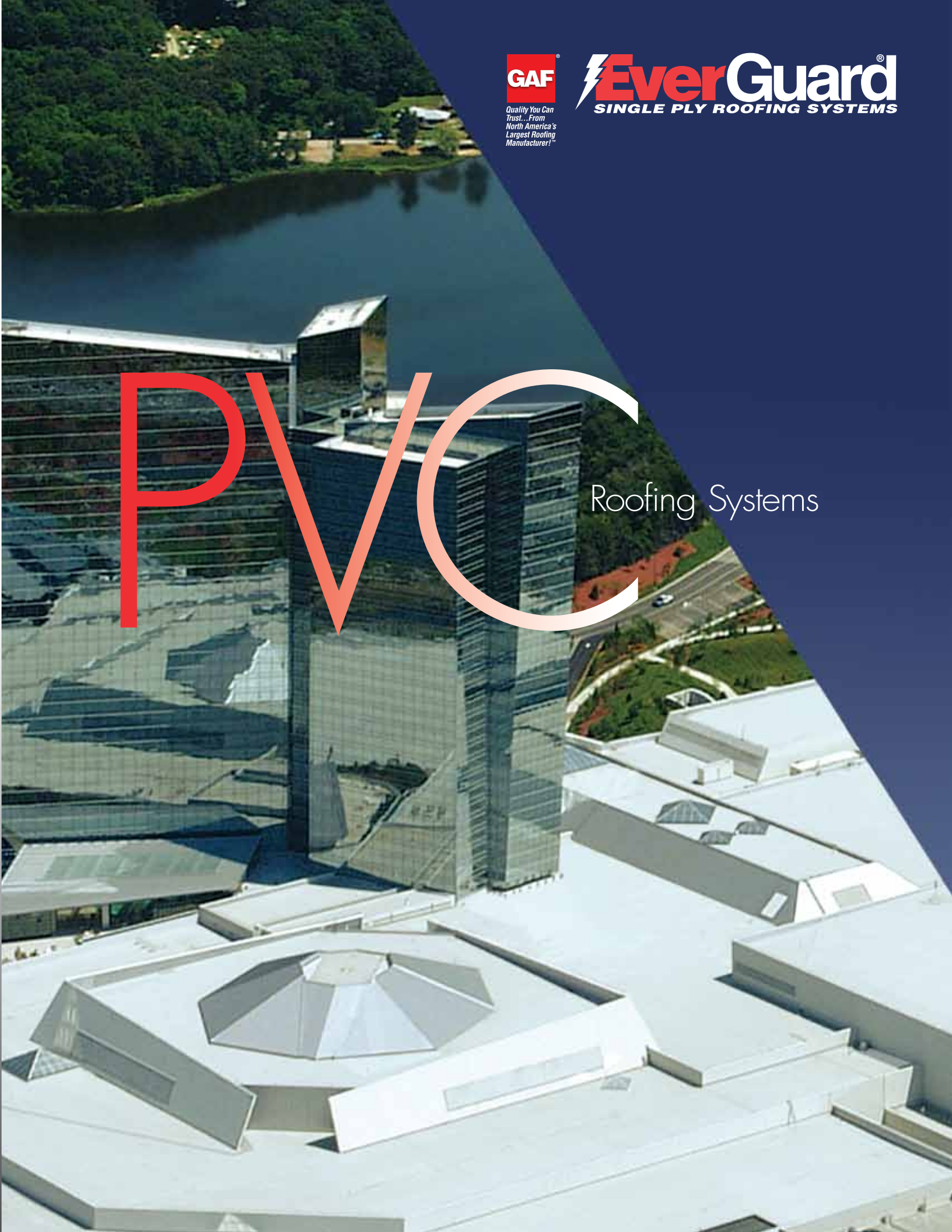


Quality You Can Trust... From North America's Largest Roofing Manufacturer!

**EverGuard**<sup>®</sup>  
SINGLE PLY ROOFING SYSTEMS

PVDC

Roofing Systems



**EverGuard PVC**  
SINGLE-PLY ROOFING SYSTEMS

**The Performance Advantages Of Thermoplastic Roofing—With Special Resistance To Harsh Environments**

When your application calls for a roofing system that will stand up to grease, oil, or chemicals\*, EverGuard PVC is your best choice. In addition, it offers many of the same performance advantages as EverGuard TPO, including:

- Heat-welded seams for greater reliability
- Easy, 3-step installation to reduce the chance of application errors
- High reflectivity for greater energy savings
- Simple repair to reduce your ongoing maintenance costs

With over 20 years of experience in the field, the EverGuard PVC formulation has been utilized successfully on thousands of buildings covering millions of square feet!

\* See GAF Guarantee for specific exclusions, including chemical attacks



**Comprehensive Product Data:**

|   | <b>Mechanically Attached</b> | <b>Fully Adhered</b>   | <b>Fleece Back PVC</b> |
|---|------------------------------|------------------------|------------------------|
| <b>Seam installation method</b>                                   | Heat welded                  | Heat welded            | Heat welded            |
| <b>Available colors</b>   | White, Tan, Gray             | White, Tan, Gray       | White, Tan, Gray       |
| <b>Available gauges</b>   | 50, 60, 80                   | 50, 60, 80             | 60, 80                 |
| <b>Accessory installation options</b>                             | Heat welded                  | Heat welded            | Heat welded            |
| <b>FM/UL code approvals</b>                                       | Yes                          | Yes                    | Yes                    |
| <b>ENERGY STAR® Qualified &amp; California Title 24 Compliant</b> | Yes                          | Yes                    | Yes                    |
| <b>Recyclable</b>   | Yes                          | Yes                    | Yes                    |
| <b>Ease of installation</b>                                       | Excellent                    | Very good              | Very good              |
| <b>Deck penetration</b>   | Yes                          | No                     | MA - Yes<br>FA - No    |
| <b>Systems material cost</b>                                      | Excellent                    | Very good              | Very Good              |
| <b>System labor cost</b>  | Very good                    | Very good              | Very good              |
| <b>Guarantee coverage*</b>  | Up to 25 years**             | Up to 25 years**       | Up to 25 years**       |
| <b>Product Availability</b>                                       | Immediate (all colors)       | Immediate (all colors) | Immediate (all colors) |

\*See guarantee for complete coverage and restrictions  
\*\*25 year coverage period includes GAF's Diamond Pledge™ guarantee with optional 5 year extension for GAF's Well Roof™ Advantage Program. See back cover for more details.

## Physical Properties

| PHYSICAL PROPERTIES    | ASTM TEST METHOD                              | TYPICAL VALUES                                     |
|------------------------|---|--|
| Membrane Thickness     | ASTM D751                                     | PVC 50 .050"<br>PVC/FB-60 .060"<br>PVC/FB-80 .080" |
| Breaking Strength      | ASTM D4434                                    | PVC 250lbf x 290lbf<br>PVC/FB 480lbf x 390lbf      |
| Seam Strength          | ASTM D4434                                    | Pass (membrane fails before seam)                  |
| Elongation at Break    | ASTM D751                                     | PVC 35% x 35%<br>FB 40% x 35%                      |
| Heat Aging             | ASTM D 3045                                   | >90% (no significant change)                       |
| Tear Strength          | ASTM D751                                     | PVC 80 lbf x 110lbf<br>PVC/FB 101 lbf x 136lbf     |
| Low Temperature Bend   | ASTM D2136                                    | -40°F  |
| Permeance              | ASTM E96                                      | 0.003 Perms  |
| Dimensional Change     | ASTM D 1204<br>@212°F, 1 hr.                  | PVC .4%<br>PVC/FB .15%                             |
| Water Absorption       | ASTM D 570<br>@158°F, 1 week                  | 1.75%<br>(Note: FB is w/out fleece backing)        |
| Accelerated Weathering | ASTM G 151, ASTM G 155<br>5,000 hrs. exposure | No visible deterioration<br>@7x magnification      |
| Accelerated Weathering | ASTM E838<br>EMMAQUA, 2.7<br>million Langleys | No visible deterioration<br>@7x magnification      |

Notes: Certain data are provided in MDxCMD format. Data based on typical product performance for 50 mil membrane and subject to normal manufacturing tolerances and variances. Visit [www.gaf.com](http://www.gaf.com) for latest data.



ENERGY STAR®  
only valid in the USA



California  
Title 24  
Compliant



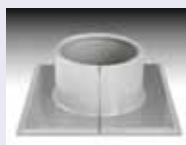
PVC membranes meet the  
performance requirements  
of ICC ER-6030

### PVC Accessories...

Boost Productivity Up To 200%, Reduce Total Installed Cost By Up To 25%,  
And Eliminate Common Problems Often Associated With Field Fabricated Details!



Pipe Boot



Pitch Pocket



Inside Corner



Fluted Outside Corner



T-Joint Patch

Not Pictured: 6" x 150' Detail Strip, Coated Metal, Cut Edge Sealant

# Plus...

## World-Class Installation... Nationwide

- **Nationwide Network Of Factory-Certified Contractors...**

Certified to install EverGuard® systems, virtually nationwide.

- **Stringent Pre-Acceptance Standards...**

All applicators are screened by GAF for history of quality installation, as well as for business stability and practices.

## ...Backed By Guarantees You Can Trust!

- **GAF Diamond Pledge™ NDL Guarantee...**

No Dollar Limit (NDL) system guarantees include EverGuard® membrane, insulation and accessories in 10, 15 and 25-year coverage.

- **GAF System Pledge Guarantee...**

Original installed cost system guarantee includes EverGuard® membrane, insulation and accessories in 10, 15 and 25-year coverage.

- **Quality Assurance Inspection Program...**

Every guaranteed job includes a problem prevention inspection by GAF's professional inspection team (not salespeople), for a visual analysis of the surface of the guaranteed project to ensure peace of mind.

- **Peace Of Mind...**

EverGuard® guarantees are backed by GAF—North America's largest roofing manufacturer, with yearly sales of nearly three billion dollars.

- **FREE Extended Protection...**

When you agree to purchase a maintenance program from your GAF factory-certified contractor, GAF will provide a 25% extension for your Diamond Pledge™ Guarantee *at no charge*. For example a 20-year guarantee becomes 25 years—free. See the GAF Well Roof™ Advantage program for more details.

The image shows a detailed form for the EverGuard® Diamond Pledge™ NDL Roof Guarantee. The form is titled "EverGuard® DIAMOND PLEDGE™ NDL ROOF GUARANTEE" and includes fields for "No.", "OWNER", "PERIOD OF COVERAGE", "NAME AND TYPE OF BUILDING", "ADDRESS OF BUILDING", "SPECIFICATION", "AREA OF ROOF", "SQUARES", "APPLIED BY", "DATE OF COMPLETION", and "GUARANTEE EXPIRATION DATE". It also features a "GAF" logo and a "Higher Diamond Pledge" logo. The form contains several sections of text, including "THE GUARANTEE/SOLE AND EXCLUSIVE REMEDY", "GUARANTEE PERIOD", "OWNERS RESPONSIBILITIES", "EXCLUSIONS FROM COVERAGE", "LIMITATION OF DAMAGES, MEDIATION, JURISDICTION, CHOICE OF LAW", and "NOTE". The form is surrounded by a decorative border.

## No Exclusion For Ponding Water!

Leaks caused by ponding (or standing) water are NOT excluded in your EverGuard® TPO system guarantee. Before you buy, always check the details of the manufacturer's guarantee coverage!



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