# **EverGuard® TPO Brochure**

Updated: 4/11



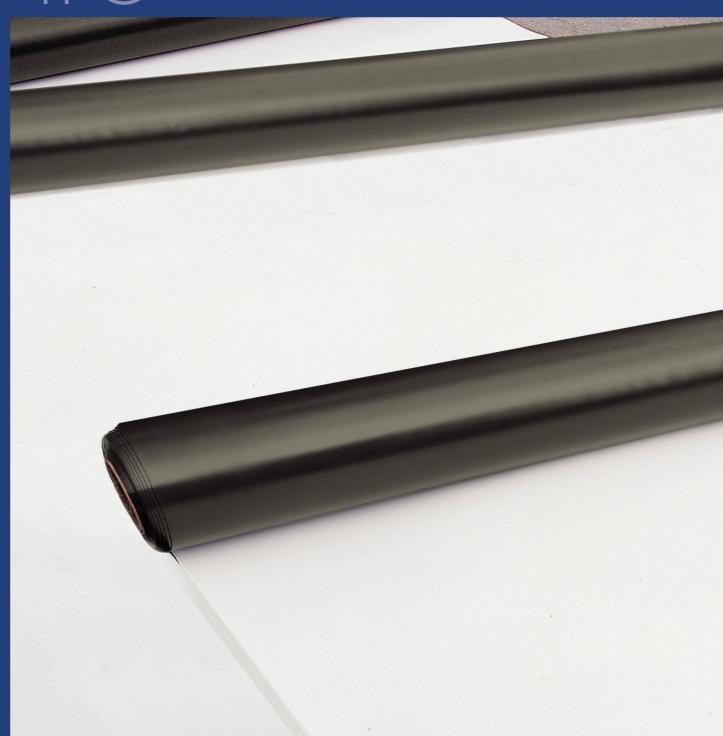




Quality You Can Trust...From North America's Largest Roofing Manufacturer!™

GUALE-PLY ROOFING MEMBRANES

Roofing Systems









California Title 24 Compliant



# EverGuard® & Freedom® TPO Membranes

- Proven seam technology
- Best choice to meet your
   "green" sustainability objectives
- Superior value versus EPDM

If you are a facility manager, building owner, architect, or roofing contractor who has experienced the advantages of single-ply roofing systems, you owe it to yourself to consider EverGuard<sup>®</sup> and Freedom™ thermoplastic roofing systems from GAF Materials Corporation. GAF thermoplastic membrane options include:

- EverGuard® TPO
- Freedom™ HW (Heat Weldable) TPO—with no VOCs!
- Freedom™ RS TPO with RapidSeam™ Technology and no VOCs!

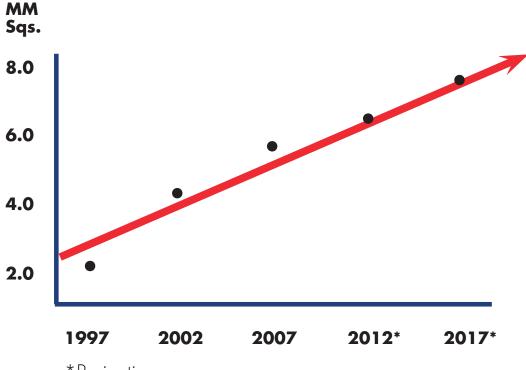




# Much To The Disappointment Of EPDM Manufacturers, TPO Roofing Systems Have Now Overtaken EPDM!

TPO systems feature heat-welded seam integrity, energy savings, and overall exceptional value. They've grown from just a tiny share of the single ply roofing market to become, by some accounts, the #1-preferred single ply roofing product. Their flexibility for use in virtually any application has also made them the fastest growing single ply roofing system.

# Growth Of TPO Roofing (Source: The Freedonia Group, Inc.)



**FverGuard®** 

# There's An EverGuard® Roofing System To Meet Virtually Every Need!

Which system is r	ight for you?	Evei		<b>I® TPO</b>	<b>Freedom™</b> Self-adhering TP0
Desired Characteristic	Typical Applications	UM affered	netaliaha <sup>3</sup>	taches ballated	A Republication of the second
Multi-Layered Membrane Protection	Hospitals, telecom, police, fire, computer installations	N/A	N/A	N/A	N/A
Flexes To Conform To Roof Movement	Warehouses, distribution centers, shopping centers	VG	E	E	VG
Low Maintenance	Hospitals, telecom, police, fire, computer	E	E	VG	E
Light Reflective For Energy Savings	Hot climates, small business, institutional, government buildings	E	E	G	E
Puncture/Leak Resistant	Hospitals, telecom, police, fire, computer	VG	VG	VG	VG
Easy To Repair After Installation	All informed owners seek this characteristic	E	E	P	E
Heat Welded, Self-Adhered, Torched, Cold-Applied, Or Mopped Seam Strength	Hospitals, telecom, police, fire, computer	E	E	E	E
Grease/Oil/Chemical Resistant <sup>1</sup>	Manufacturing, hospitals, food processing, restaurants	E	E	VG	E
Can Be Installed In Cold Weather	Buildings located in cold climates	<b>G</b> <sup>2</sup>	VG	VG	P

**E** = Excellent **VG** = Very Good **G** = Good **P** = Poor (Ratings based on GAF estimates and contractor interviews)

<sup>&</sup>lt;sup>1</sup>See GAF Guarantee for specific exclusions

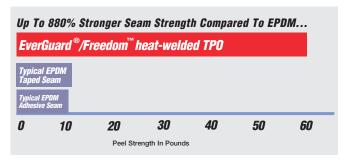
<sup>&</sup>lt;sup>2</sup>May require that installation adhesive be pre-heated

# Only GAF Offers You A Choice Of **Two TPO Seam Technologies**

#### **Heat-Welded Seams**

For traditional, mechanically-attached membrane systems, heat-welded seams are widely recognized as your best and safest choice...

- Heat-welded seams are physically fused (rather than taped or glued).
- Results in a single, monolithic membrane (rather than multiple layers of membranes and tape).
- GAF's heat-welded TPO seams are as much as 880% stronger than EPDM taped seams!





### RapidSeam™ Technology

For self-adhering TPO membrane systems, GAF's patent-pending RapidSeam™ Technology provides excellent leak protection plus faster installation...

GAF's Freedom™ TPO with RapidSeam™ Technology:

- Eliminates over 95% of field seam preparation for faster installation.
- Is occupant-friendly (no fumes, no VOCs, less disruption).
- Has superior uplift protection (105 psf) due to its full adhesion in the field of the roof.
- Is ready to install from the factory.

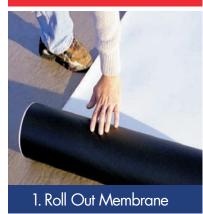


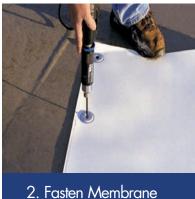


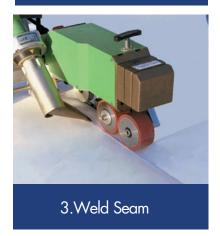
# EverGuard® & Freedom™ Membranes Are **Easy To Install—For Greater Reliability**

OR









Freedom™ Self-Adhered TPO With RapidSeam™ Technology







66 Just 3 Problem-Free Steps... Means Less Chance For Errors That Could Lead To Leakage > >





If Repairs Are Ever Needed For Your EverGuard® or Freedom™ Membranes, They'll Be Fast, Reliable And Less Costly!







Many property owners only consider the initial cost of installation when making their roofing choice. But have you considered how the cost of maintenance can affect your life cycle cost? For example, leaks in ballasted systems are more expensive to repair than leaks in non-ballasted systems because locating the leak requires first moving the ballast. Unfortunately, when moving the ballast, other parts of the membrane can be damaged—resulting in additional repair costs in the future.



Average Repair Cost (Based on \$40/hr. rate)

**Ballasted EPDM System** 

Fully-Adhered EverGuard® or

Mechanically-Attached EverGuard® or Freedom™ Svstems

O

\$200

\$400

# EverGuard® and Freedom™ Systems Are A **Superior Installed Value Versus EPDM**

Many property owners assume that it costs significantly more to get the recognized performance advantages of TPO systems — not so! EverGuard® and Freedom™ systems stack up favorably versus EPDM on an installed cost basis for a "typical" 10,000 square foot roof.

#### "Average" Installed Costs Assuming EPDM=100\*

Mechanically- Attached System	Materials Labor Overhead Total (Mech. Attached EPDM=100)	EPDM 36% 44% 20%	EverGuard® TPO 31% 41% 18%	Freedom™ Self-Adhered TPO N/A N/A N/A	Mechanically-attached EverGuard® TPO is actually <u>less costly</u> than EPDM!
Fully- Adhered System	Materials Labor Overhead Total (Fully Adhered EPDM=100)	EPDM 35% 46% 19%	EverGuard® TPO 40% 43% 19%	Freedom™ Self-Adhered TPO 44% 17% 19%	Fully-adhered EverGuard® TPO is nearly <u>equal</u> to EPDM; Freedom™ TPO with RapidSeam™ Technology offers dramatic savings!
Ballasted System	Materials Labor Overhead Total (Ballasted EPDM=100)	<b>EPDM</b> 45% 36% 19%	EverGuard® TPO 56% 36% 20%	Freedom <sup>™</sup> Self-Adhered TPO N\A N\A N\A	Ballasted EverGuard® TPO is more economical than you would expect!

<sup>\*</sup>Average Installed Cost Assumptions: 10,000 square foot roof, new construction; office building with few penetrations; 6" O.C. attachment where applicable; labor rate is \$40/hr.; white membrane



# When You Figure In The Hidden Energy Savings Of A White Roof, EverGuard® and Freedom™ TPO Systems May Even Be **Less Expensive Than EPDM...**

On a sunny summer day, a black roof can reach temperatures in excess of 170°F. On the same day, the highly reflective white surface of EverGuard® TPO can be as low as 110°F! As a result of the high reflectivity and emittance qualities of the white membrane, much less solar radiation is transmitted through the roof and into your facility. With energy prices on the rise, why get saddled with an energy-inefficient black roofing system when you can install an energy-efficient white EverGuard thermoplastic roof instead?

The magnitude of cost savings from a white roof can be staggering. The U.S. Department of Energy's Oak Ridge National Laboratory provides a convenient means for estimating the cost savings of a white roof.

Depending on your location, an energy-saving EverGuard®TPO roof could offset 30 to 50% or even more of the original cost to install the white roof!

Total Estimated Energy Savings Of A 500 Square EverGuard® TPO Roof Over 15 Years (Based On Data From Oak Ridge National Laboratory, U.S. Dept. Of Energy)



fuel cost data provided by ORNL web site at the time of print and does not take into consideration energy cost fluctuations over time. Assumptions used in the savings calculations include: R-value of 19; infrared emittance of 90; COP of 2; solar reflectance of 76%; average heating system efficiency. The results are examples—type of building, geographical locations, your exact energy/fuel costs as well as other factors must be considered for your specific situation.

Energy savings estimates are based on energy and

To calculate the savings in other cities, visit the Oak Ridge web site at: www.ornl.gov/sci/roofs+walls/facts/CoolCalcEnergy.htm



valid in the USA







# EverGuard® And Freedom™ TPO Are Part Of GAF's **Environmentally-Friendly "Green" Family...**



# Recycled/Green Mfg. Process Roofing

Includes products that contain post-consumer or post-industrial recycled materials. All of GAF's low slope roofing systems, including TPO, PVC, built-up, and modified bitumen, contain post-industrial recycled materials (and may even be post-consumer recyclable). In addition, many of GAF's plant processes themselves are designed to be environmentally-friendly.



## **Reflective Roofing**

GAF's white, reflective roofing reduces the "heat island effect" and makes saving energy a snap. GAF offers the industry's widest selection of ENERGY STAR® qualified and Title 24 eligible roofing systems, including TPO, PVC, roof restoration coatings, modified bitumen and built-up roofing, and even roofing shingles. Why install a black, energy-wasting roof, when you can install a reflective, energy-saving white roof, often for the same cost? Some reflective roofing products also qualify for LEED credit.



## **Recover Roofing**

Reducing the amount of waste material sent to landfills is environmentally friendly. GAF recover roofing systems allow you to leave the existing roof in place and add a brand new roof over it. The process is as easy as scanning your existing roof (to identify any wet areas to be replaced), adding additional insulation (for greater energy efficiency), and installing the new roof membrane. Some recover roofing products also qualify for LEED credit.



### **Garden Roofing**

GardenScapes™ garden roofs not only save energy, they offer a whole host of related advantages for your existing or planned facility, including increased roof life. They can also be combined with a GAF PlazaDeck system to create not only an energy-saving system, but an outdoor deck, patio, or other functional area—it's like adding an extra floor to your property at a fraction of the normal cost. GardenScapes™ garden roofs qualify for LEED credit.



### Solar Roofing

Produce your own electricity from normally-wasted space. Your roof is the most cost-effective place to add solar panels. GAF offers roofing systems that are compatible with most modern solar technologies. Additionally, GAF's EverGuard® Extreme™ TPO is designed for the extra heat stresses that solar systems can place on a roof membrane.





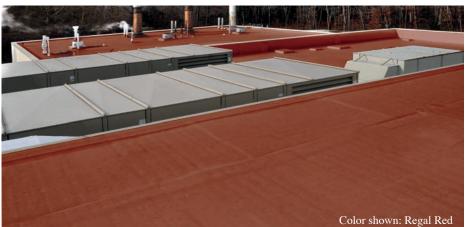
## EverGuard® TPO Colors:

# The Industry's Largest Selection Of Color Membranes



GAF's color TPO membranes can transform a traditional roof into an aesthetic attribute. With 7 standard colors, 15 pre-formulated colors, and virtually unlimited custom colors, no other single-ply or metal roofing manufacturer offers more color choices than GAF!

Decorative color membranes can complement overall building aesthetics or shingled areas. Most color choices include "Cool Color" technology, helping to increase reflectivity and reduce energy costs.

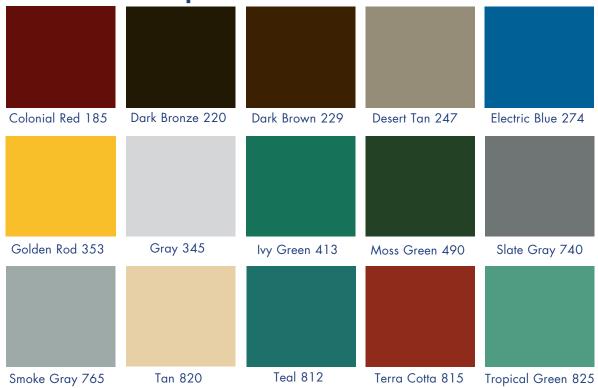




NOTE: Colors shown on these two pages may not accurately depict actual product color. Please ask to see a sample of the actual material before you make a final selection. It is recommended that the actual sample be viewed outdoors, under a variety of lighting conditions.

# **COLOR CHART**

### **Pre-Formulated Special Order Colors\***



#### **Custom Colors Available!**

GAF can manufacture virtually any color you need – the possibilities are limitless!\*
\*Minimum Order Required. For more information, contact your local GAF Sales Representative.

NOTE: It is difficult to reproduce the color clarity and actual color of the installed product. Final installed colors may vary slightly from colors shown. It is recommended that the actual sample be viewed outdoors, under a variety of lighting conditions.







# EverGuard® & Freedom™ TPO... The Value Leaders In Single-Ply Roofing!

# Comprehensive Product Data:

	EverGua	ırd®TPO	Freedom" HW TPO	Freedom" RS TPO
	(mechanically attached)	(fully adhered)	(self-adhering TPO)	Freedom RS TPO (self-adhering TPO w/RapidSeam™)
Seam installation method	Heat welded	Heat welded	Heat welded	Self-adhering (RapidSeam™)
Available roll widths	4', 5' 8' and 10'	4', 5' 8' and 10'	5' and 10'	5' and 10'
Available roll lengths	100'	100'	50' and 100'	50' and 100'
Available standard colors*	White, Tan, Gray, Regal Red, Hartford Green, Patina Green, Regal Blue	White, Tan, Gray, Regal Red, Hartford Green, Patina Green, Regal Blue	White, Tan	White, Tan
Available gauges	45, 60, 80	45, 60, 80	45, 60	45, 60
Accessory installation options	Heat welded	Heat welded	Heat welded or self-adhered	Heat welded or self-adhered
FM/UL code approvals	Yes	Yes	Yes	Yes
ENERGY STAR® Qualified & California Title 24 Compliant	Yes	Yes	Yes	Yes
Environmentally friendly	Yes	Yes	Yes	Yes
Ease of installation	Excellent	Very Good	Excellent	Excellent
Deck penetration	Yes	No	No	No
Systems material cost	Excellent	Very Good	Very Good	Very Good
Systems labor cost	Very Good	Very Good	Excellent	Excellent
Guarantee coverage**	Up to 20 years***	Up to 20 years***	Up to 20 years***	Up to 15 years

<sup>\*</sup>In addition to standard colors, 15 Pre-Formulated colors are available, as well as Custom Colors.

<sup>\*\*</sup>See guarantees for complete coverage and restrictions.

<sup>\*\*\*</sup>Extension of Diamond Pledge™ guarantee length by 25% available (see page 20). See the GAF Well Roof™ Advantage Program for more details.

# **Physical Properties:**

PHYSICAL PROPERTIES	ASTM TEST METHOD	TYPICAL VALUES
Membrane Thickness	ASTM D-751	TPO-45 .045" FB-450 Ultra .045" TPO-60 .060" FB-600 Ultra .060" TPO-80 .080" FB-800 Ultra .080"
Breaking Strength	ASTM D-751 (Grab Method)	TPO-45 290 lbf x 270 lbf FB-450 430 lbf x 360 lbf
Seam Strength	ASTM D-751	Pass (membrane fails before seam)
Elongation at Break	ASTM D-751	30 %
Heat Aging	ASTM D-573	100% retention
Tear Strength	ASTM D-751	TPO-45 124 lbf x140 lbf FB-450 90 lbf x120 lbf
Cold Temp. Brittleness	ASTM D-2137 ASTM D-2137	TPO-45 -40°C FB-450 -45°C
Permeance	ASTM E-96	TPO-45 .07 Perms
Dimensional Change	ASTM D-1204 @158°F, 6hrs.	TPO-45 .4% FB-450 .4%
Water Absorption	ASTM D-471 @158°F, 1 week	0.7%
Hydrostatic Resistance	ASTM D-751 (Method D)	TPO-45 390 psi FB-450 550 psi
Ozone Resistance	ASTM D-1149	No visible deterioration @7x magnification
Weather Resistance	ASTM G-155@5040 KJ (m²-nm) @ 340 nm	No cracks @7x magnification

**Note:** Above data based on typical product performance for 45-mil membrane, and are subject to normal manufacturing tolerances and variances. Certain data are provided in MD (machine direction) x CMD (cross machine direction) format. Visit www.gaf.com for latest data. **Important Note:** EverGuard® membranes meet and/or exceed ASTM D-6870 standards for thermoplastic TPO membranes.













TPO membranes meet the performance requirements of ICC ER-6030

# Genuine GAF TPO Roofing Accessories Turn Roofing Problems Into Solutions!

# "EverGuard® Pre-Fabricated Accessories Can Boost Your Productivity By Up To 200%"

The Problem:

• Field fabrication is time-consuming, costly, inconsistent, and can lead to unreliable details which compromise a watertight roofing system.

The Solution:

- EverGuard® pre-fabricated accessories deliver consistent quality and eliminate the worry and problems often associated with field fabrication.
- EverGuard® pre-fabricated accessories:
- Boost Productivity Up To 200%
- Reduce Total Installed Cost By Up To 12%
- Eliminate Common Problems Often Associated With Field Fabricated Details

# Flashing Accessories:



Fluted Corner



Split Pipe Boot



Corner Curb Wrap



Preformed Vent Boot



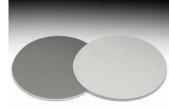
Preformed Corner



Square Tube Wrap



Inside Corner



UN 55 T-Joint Cover Patches

### **Rolled Accessories:**



**RTA Strip** 



**Cover Tape** 



**Expansion Joint** 



Freedom™ Dual HW 5′ Wide Flashing



UN 55 Detailing Membrane

# **Installation Components:**



Standing Seam Profile



Pourable Sealer Pocket



Scupper



Vent



Drain



Batten Seam Profile

### Also Available:

- Coated Metal
   Cut Edge Sealant
   Walkway Rolls
- TPO 45 mil Utility Flashing Strip
   T-Top Vent

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# Genuine GAF TPO Roofing Accessories **Turn Roofing Problems Into Solutions!**

### "Drill•Tec™ Fasteners Are Designed For Fast Installation And Superior Performance"

The Problem:

• Standard fasteners can rust, corrode, or even pull out under extreme weather conditions.

 Drill•Tec<sup>™</sup> fasteners with CR-10 corrosion-resistant coating exceed FMRC 4470 for superior, long-term performance; plus, their extra-heavy duty shank and threads reduce the chance of pullout—passes FM-1-90 at 12" o.c. for TPO and PVC.

Drill•Tec<sup>™</sup> ASAP fasteners greatly reduce installation time—plus, locking plate resists pullout.

 Drill•Tec™ RhinoBond® fasteners allow you to install a TPO roof at temperatures as low as 0°F, with fewer fasteners needed to pass FM-1-90; also results in less wrinkling and flutter than standard fasteners.



### "EnergyGuard™ Insulation Insures System Compatibility And Reliable Performance!"

The Problem: • Insulation is a key part of the roofing system and should be designed to work with the roofing membranes and other key roof components.

The Solution:

 EnergyGuard™ insulation is designed to work with all GAF roofing systems and components.





#### "TOPCOAT® SeamFree™ Roof Restoration Systems Breathe New Life Into Weathered Single-Ply Systems!"

**The Problem:** • When your roofing budget is stretched to the limit, how can you " do more with less"?

The Solution:

• TOPCOAT® SeamFree™ Membranes are designed to extend and enhance the life of your existing roofing system at a fraction of the cost of complete roof replacement.



- TOPCOAT® SeamFree™ Membranes can be applied to TPO, PVC, EPDM, and Hypalon.
- FireShield® Roof Restoration System provides maximum fire protection & instant energy savings.
- FireOut<sup>™</sup> Coating.

# Achieve The Architectural Look Of A Standing Seam Metal Roof...At A Fraction Of The Cost!

EverGuard® Self-Adhering Architectural Profiles allow property owners and architects to achieve the look of standing seam metal roofing—using cost-effective TPO membranes.

#### **Benefits for Property Owners**

- Lower Initial Investment... can save up to 50% on initial installed cost versus metal roofing.
- Low Life Cycle Cost... TPO membranes provide proven, long-term watertight protection and, unlike metal roofing, will not rust, corrode, dent, or require regular resurfacing.
- Looks Great... Architectural Profiles are virtually indistinguishable from the "real" thing—only your roofer will know the difference!
- **Proven Performance...** from GAF Materials Corporation, North America's largest roofing manufacturer.

#### **Benefits for Architects & Specifiers**

- **Project Savings...** you achieve the architectural look of a standing seam roof, while conserving precious project dollars.
- **Design Flexibility...** can be used on a wide variety of roof shapes, sizes, and slopes.
- Long-Lasting Formulation... made from the same semi-rigid thermoplastic base as EverGuard® membranes for superior compatibility.
- Versatile... works with all brands of TPO membranes.

#### **Benefits for Installers**

- Easier To Install... just 4 easy steps.
- Saves Labor... self-adhering technology allows for faster installation.
- Less Hassle... no messy chemicals like adhesives or primers needed.
- Readily Available... White, Tan, Gray, Regal Red, Regal Blue & Hartford Green.
- Most Color Options... 16 additional eye-pleasing colors available.
- Flexibility... customize the color to match your project.
- Quality You Can Trust... up to 20 year manufacturer guarantees available.

## **Product Specifications...**

#### Material Composition: Semi-rigid thermoplastic

**Adhesive Technology:** Self-adhering pressuresensitive adhesive

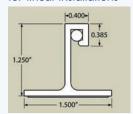
#### Length:

10' (2.39 m) - plastic dowels available to join individual lengths as necessary

#### Height/Width:

See drawings below

### Standing Seam Profiles for lineal installations





#### **Packaging:**

30 10'-lengths per box

#### Max. Roof Pitch:

Unlimited

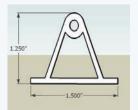
#### **UV** resistant:

Yes

#### **End-joint connection:**

3" custom plastic dowel (shown below)

### Batten Seam Profiles for radial installations







# 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.

### EverGuard® TPO Puncture Resistance Ltd. Warranty... Per incident coverage due to impact damage...

Per incident coverage due to impact damage. See limited warranty for details.

#### • EverGuard® TPO Reflectivity Ltd. Warranty...

GAF EverGuard® TPO white membrane will meet initial and aged (after cleaning) ENERGY STAR® reflectivity standards when installed and maintained in accordance with GAF requirements.

#### • 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 Materials Corporation—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.

EverGuard® CAF DIAMOND PLEDG	No.
CAT DIAMOND PLEDG	Diamond Pleds
NDL ROOF GUAR	ANTEE
OWNER:	PERIOD OF COVERAGE:
NAME AND TYPE OF BUILDING:	
ADDRESS OF BUILDING:	
SPECIFICATION: AREA OF	FROOF:SQUARE
APPLIED BY:	
DATE OF COMPLETION: GUARAI	NTEE EXPIRATION DATE:
THE CHARANTEE/SOLE AND EVOLUSIVE DEMENY	
GAF MATERIALS CORPORATION ("GAF") guarantees to you, the o "Edge To Edge protection by repairing leaks through the GAF rooting in waterproofing flashing, insulation, expansion joint covers, preflashed aco SMACNA standards (the "GAF Rooting Materials") resulting from manufi GAF Rooting Materials.	
There is no dollar limit on covered repairs. Leaks caused by any mat- insulation, or any other materials used in the construction of the roof sys GLIARANTEE PERIOD	
This guarantee ends on the expiration date listed above. NOTE: Lexsucc	* flashings are covered by this guarantee only for the first ten years.
N. D. C.	ke sure that GAF is notified directly about the leak, in writing, within 3
Notification of Leaks In the event of a leak through the GAF Roofing Materials, you must mai days by email (preferred) at guaranteeservices@gaf.com, or in writing to New Jersey 07470, or GAF will have no responsibility for making repair roofing contractor is NOT notice to GAF.	o Guarantee Services Department, 1361 Alps Road, Bldg. 11-1, Wayn s. NOTE: The roofing contractor is NOT an agent of GAF; notice to the
By notifying GAF, you authorize GAF to investigate the cause of the leak, you agree to pay an investigation cost of \$500. This guarantee will be cafor it.	If the investigation reveals that the leak is not covered by this guarante incelled if you fail to pay this cost within 30 days of receipt of an invoice.
Preventative Maintenance and Repairs	
<ul> <li>A. In order to maximize the trouble-free performance of your roof, you n this work.</li> </ul>	
B. To keep this guarantee in effect, you must repair any conditions in the b but that GAF concludes may be threatening the integrity of the GAF R system).	looting Materials (e.g., porous walls allowing water entry into the rooting
C. You may make temporary repairs to minimize damage to the building not result in cancellation of the guarantee as long as they are reasona Roofing Materials.	or its contents in an emergency, at your sole expense. These repairs was lead and customary and do not result in permanent damage to the GA
D. Any equipment or material that impedes any inspection or repair mu or repairs.	ust be removed at your expense so that GAF can perform inspection
EXCLUSIONS FROM COVERAGE (e.g., items that are not "ordinary wear and tear" or are beyond GA This guarantee does NOT cover conditions other than leaks. This guarantee	F's controll
<ol> <li>Inadequate roof maintenance, that is, the failure to follow the Scheduled Maintenance Checklists provided with this guarantee (extra copies available by calling Guarantee Services at 1-800-P.OOF-411).</li> </ol>	Traffic of any nature on the roof unless using GAF walkways applie in accordance with GAF's Application and Specifications Manual.     Blisters in the GAF Roofing Materials that have not resulted in leaks.
1-800-ROOF-411. 2. Unusual weather conditions or natural disasters including, but not limited to, windstorms, hall, floods, hurricanes, lightning, tornados, and earthquakes, unless specifically covered under this guarantee.	Changes in the use of the building or any repairs, modifications; additions to the GAF Roofing Materials after the roof is complete unless approved in writing by GAF.      Exposure to post-installation sustained temperatures in excess.
and earthquakes, unless specifically covered under this guarantee.  3 Damage to the roof constructed of the GAF Roofing Materials due to:	unless approved in writing by GAF.  7. Exposure to post-installation sustained temperatures in excess
<ol> <li>Damage to the roof constructed of the GAF Roofing Materials due to:         <ul> <li>(a) movement or cracking of the roof deck or building;</li> <li>(b) improper installation or failure of any non-GAF insulation or materials;</li> <li>(c) infiltration or condensation of moisture through or around the walls,</li> </ul> </li> </ol>	of 160°F for roofing systems using Standard EverGuard® TP membrane and 195°F for systems with Everguard® EXTREME TPO membrane.
inhitration or condensation of moisture through or around the walls, copings, building structure or surrounding materials except where birth wall GAE waterproofing flashings are installed: (d) chemical	<ol> <li>Any condition (e.g., base flashing height or lack of counterflashin that is not in accordance with GAF's Application and Specification</li> </ol>
imitization or concensation or motivative through or around the Wast, copings, building structure or surrounding materials except where high wall GAF waterproofing flashings are installed; (d) chemical stack on the membrane, including, but not limited to, exposure to grease or oil; or (e) the failure of wood nailers to remain attached to the structure; or (f) use of material that are incompatible with the	<ol> <li>Any condition (e.g., base flashing height or lack of counterflashin that is not in accordance with GAF's Application and Specification Manual or any deviation or modification from any specification published in the Manual, unless specifically authorized by a GA Contractor Services Manager or Director in writing.</li> </ol>
to the structure; or (f) use of material that are incompatible with the GAF roofing materials.	
No representative, employee or agent of GAF has the authority to assum	e any additional liability or responsibility for GAF, except in writing signs
No representative, employee or agent of GAF has the authority to assum by an authorized GAF Contractor Services Manager or Director. NOTE: are for GAF's sole benefit, and do not constitute a waiver of any of the tr	
TRANSFERABILITY You may transfer or assign this guarantee to a subsequent owner of the CAE at the address listed halos within 60 days after ownership transfer	is building for the remaining term only if: 1) the request is in writing
HANNS-EHABILITY Vou may transfer or assign this guarantee to a subsequent owner of th GAF at the address listed below within 60 days after ownership transfer or building components that are identified by GAF after an inspection as 3) you pay an assignment fee of \$500. This guarantee is NOT otherwise or indirectly.	recessary to preserve the integrity of the GAF Roofing Materials; ar transferable or assignable by contract or operation of law, either direct
LIMITATION OF DAMAGES; MEDIATION; JURISDICTION; CH	DICE OF LAW RANTEES OR WARRANTIES, EXPRESS OR IMPLIED INCLUDIN
LIMITATION OF DAMAGES; MEDIATION; JURISDICTION; CH THIS GUARANTEE IS EXPRESSLY IN LIEU OF ANY OTHER GUAL ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FC of GAF, whether any claim against it is based upon negligence, breach	R A PARTICULAR PURPOSE, and of any other obligations or liability of warranty or any other theory. In NO event shall GAF be liable for an
CONSEQUENTIAL OR INCIDENTAL DAMAGES of any kind, including, The parties agree that, as a condition precedent to litigation, any con mediation before a mutually acceptable mediator. In the event that medi	
or prosecute any lawsuit or proceeding other than before the appropriate be governed by the laws of the State of New Jersey, without regard to	autor is unsuccession, are parents agree that heather one will comment e state or federal court in the State of New Jersey. This Guarantee shi principles of conflicts of laws. Each party irrevocably consents to the
jurisdiction and venue of the identified courts above.	
NOTE: This Guarantee becomes effective only when all bills for installation and supplies have been paid in full to the roofing contractor and materials suppliers, and the Guarantee charge has been paid to GAF Materials Corporation.	GAF MATERIAL'S CORPORATION 1301 ALPS MOAD, EURICENSC 11-1 WARME, NI STATE
been paid to GAF Materials Corporation. This guarantee must have a raised seal to be valid.	Br.
	Authorized Signature Date

# 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!



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