

**Request to Exceed Cooperative Purchasing Construction Services Aggregate Amount**

**In Accordance with § 19-11-249 (d)**

Name of School District or Open Enrollment Public Charter School: **Booneville School District**

Name and Title of Person Submitting Report: **Trent Goff, Superintendent**

Contact Information of Person Submitting Report: **Trent.goff@boonevilleschools.com 479-264-8073**

Location of Project (school campus, etc...): **Booneville Jr. High/Sr. High Campus**

Reason for Waiver Request (Timeline for Completion, Preferred Contractor, etc...) **The District must reroof multiple roofs across the district due to a Hail storm in April of 2025. The requested waiver is to complete roofs on the Junior High and High school campuses that will be roofed with a TPO membrane. The total Roofing cost for the project is \$1,079,827 which will exceed the 1 million dollar aggregate amount. After soliciting bids from multiple vendors from the Tips vendor list, Booneville Schools has selected Covington Roofing as the Vendor for the TPO roofing Projects. The Timeline for completion of the project is September 2026.**

Description and Scope of Project (Please attach all relevant documents pertaining to the school construction project): **The Project Consist of TPO roof replacement for multiple roofs across the Junior High and High School due to a Hail storm in April of 2025. The Scope of work is attached and outlines the specific material and installation of the project.**

Total Estimated Cost of Project, Including all available extensions : **\$1,079,877.00**

Contractor/Vendor: **Covington Roofing**

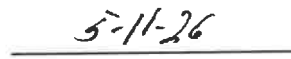
Contractor/Vendor Contact Information: **1053 Front St. Conway, AR 72032, Phone: 501-329-3357, Fax: 501-329-2538**

Vendor Contract #: **Tips: 24060401**

Name of Cooperative Purchasing Program: **TIPS**

Start Date of Construction: **June 2026**

  
\_\_\_\_\_  
Signature

  
\_\_\_\_\_  
Date

# Project Scope: Booneville School District Roofing Upgrades

This scope sheet outlines the specific material requirements and installation methods for the upcoming roofing projects. All systems are to be installed in accordance with GAF and PAC-CLAD manufacturer specifications to secure the specified warranties.

## 1. Booneville Jr. High

**System Type:** Adhered TPO System

- **Membrane Attachment:** Install GAF low-rise foam adhesive to secure membrane to substrate.
- **Membrane:** 60 Mil TPO (White).
- **Edge Metal:** PAC-CLAD Aluminum Drip Edge.
- **Warranty:** GAF 20-Year NDL (No Dollar Limit).

## 2. Booneville Fieldhouse

**System Type:** TPO Retrofit over Existing Metal

- **Substrate Preparation:** Install EPS Flute Fill over existing trapezoidal standing seam metal roof.
- **Insulation:** 2" Polyisocyanurate (Polyiso) board.
- **Membrane:** 60 Mil Grey TPO.
- **Membrane Attachment:** RhinoBond induction welding system.
- **Metal Work:** PAC-CLAD Aluminum Gutters and Downspouts.
- **Warranty:** GAF 20-Year NDL.

## 3. Booneville Gym

**System Type:** TPO Retrofit over Existing Metal

- **Substrate Preparation:** Install EPS Flute Fill over existing trapezoidal standing seam metal roof.
- **Insulation:** 2" Polyisocyanurate (Polyiso) board.
- **Membrane:** 60 Mil Grey TPO.
- **Membrane Attachment:** RhinoBond induction welding system.
- **Metal Work:** PAC-CLAD Aluminum Gutters and Downspouts.
- **Warranty:** GAF 20-Year NDL.

## 4. Vocational Building

**System Type:** R-Panel Metal Roof TPO Retrofit

- **Substrate Preparation:** Install EPS Flute Fill over existing R-Panel metal roof.
- **Insulation:** 2" Polyisocyanurate (Polyiso) board.
- **Membrane:** 60 Mil Grey TPO.
- **Membrane Attachment:** RhinoBond induction welding system.
- **Metal Work:** PAC-CLAD Aluminum Gutters and Downspouts.

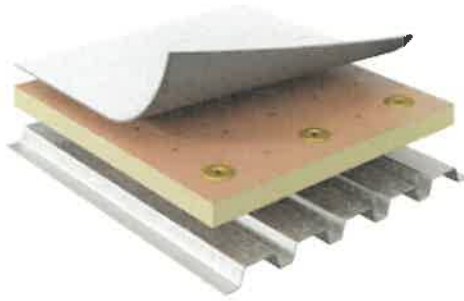
- **Warranty:** GAF 20-Year NDL.

### **RhinoBond® (Induction Welding) Attachment Process:**

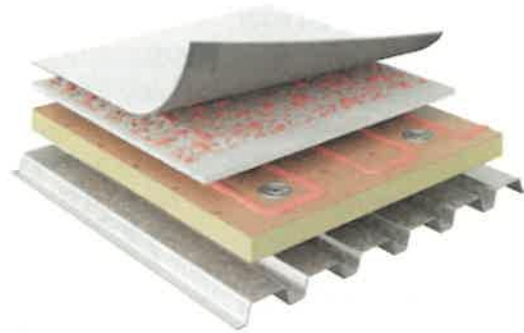
The RhinoBond system utilizes a single fastener to secure both the insulation and the membrane without penetrating the TPO sheet.

#### **A. Installation Sequence**

1. **Grid Layout:** Fasten insulation using **Drill-Tec™ RhinoBond® TPO XHD Plates** (3" diameter) and appropriate Drill-Tec™ fasteners (typically #15) at the manufacturer-calculated density for wind uplift requirements.
2. **Membrane Placement:** Lay out the EverGuard® TPO membrane over the plates.
3. **Induction Welding:** Using the RhinoBond induction tool, center the tool over the buried plate. The tool emits a magnetic field that heats the Galvalume® plate, melting the TPO coating on the plate and welding it to the underside of the TPO membrane.



TPO Smooth Induction Welded >



TPO Fleece-back Adhered >

# GAF Drill-Tec™ RhinoBond®

XHD® / SXHD® and Tread Safe™ Plates and Fasteners





## Description:



Drill-Tec™ RhinoBond® plates are designed for use as the key element to the RhinoBond® induction-welded single-ply membrane roofing attachment system. The Drill-Tec™ RhinoBond® TPO XHD® Plate and Drill-Tec™ RhinoBond® PVC XHD® Plate are 3"-diameter Galvalume® steel plates with special thermoplastic polyolefin (TPO) or polyvinyl chloride (PVC) coatings, respectively. These plates are also available in SXHD® plate to accommodate a Drill-Tec™ SXHD® fastener (#21).

## Application:

Drill-Tec™ RhinoBond® TPO XHD® Plate or Drill-Tec™ RhinoBond® PVC XHD® Plate is used to attach rigid insulation to roof decks. The special TPO or PVC coating on the plates allows for EverGuard® TPO or PVC membrane to be welded to each plate using the RhinoBond® magnetic induction-welding tool. Insulation and membrane are attached using one fastener to create a durable roofing system.

## Codes and Compliance:

<ul style="list-style-type: none"> <li>FM Approved per Approval Standard 4470. Refer to <a href="http://RoofNav.com">RoofNav.com</a> for approved assemblies.</li> </ul>	
<ul style="list-style-type: none"> <li>Miami-Dade County Product Control Approved</li> </ul>	
<ul style="list-style-type: none"> <li>State of Florida Approved</li> </ul>	

 <p><b>Drill-Tec™ RhinoBond® TPO XHD® Plate</b></p>	 <p><b>Drill-Tec™ RhinoBond® PVC XHD® Plate</b></p>
<p>≥ 22 ga. steel, plywood<sup>†</sup>, wood plank, OSB<sup>‡</sup>, wood joist, and structural concrete</p>	
 <p><b>Drill-Tec™ #14 Fastener</b> 1¼" (31.8 mm) to 24" (610 mm), #3 Phillips Head</p>	
<p>≥ 22 ga. steel, plywood<sup>†</sup>, wood plank, OSB<sup>‡</sup>, and LWIC*</p>	
 <p><b>Drill-Tec™ XHD® Fastener (#15)</b> 2" (51 mm) to 24" (610 mm), #3 Phillips Head</p>	
<p>Purlins (Max. ¾")</p>	
 <p><b>Drill-Tec™ Purlin Fastener (Retro Driller)</b> 4" (102 mm) to 10" (254 mm), #3 Square Drive</p>	
 <p><b>Drill-Tec™ Hex-Head Purlin Fastener</b> 3 ¾" (95 mm) to 8" (200 mm)</p>	

 <p><b>Drill-Tec™ RhinoBond® TPO SXHD® Plate</b></p>	 <p><b>Drill-Tec™ RhinoBond® PVC SXHD® Plate</b></p>
<p>≥ 22 ga. steel and lightweight insulating concrete*</p>	
 <p><b>Drill-Tec™ SXHD® (#21)</b> 2" (51 mm) to 12" (305 mm), #3 Phillips Head</p>	

RhinoBond® can only be used with smooth membranes.

\* In lightweight insulating concrete applications, the fastener must penetrate the steel pan.

<sup>†</sup> Min. 19/32 in. thick plywood.

<sup>‡</sup> Min. 19/32 in. thick plywood.



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

For additional information, contact GAF Design Services at 1-877-423-7663 or [designservices@gaf.com](mailto:designservices@gaf.com)

We protect what matters most™



**Other RhinoBond® Plates and Accessories:**



**Tread Safe™** is a tube fastening system designed for compressible insulation. When used in conjunction with a specially designed RhinoBond® plate, Tread Safe™ provides an insulation and membrane attachment system for securing TPO and PVC roofing membranes. For best results, the minimum insulation thickness should be 2 in. (51 mm) to accommodate deflection.

Product Data			
Plate	Drill-Tec™ RhinoBond® TPO XHD® Tread Safe™ Plate	Drill-Tec™ RhinoBond® PVC XHD® Tread Safe™ Plate	Drill-Tec™ TreadSafe Tubes
Item Code #	45001	45002	1.5" — 45003 2.5" — 45006 4.3" — 45007 6.5" — 45008
Material / Coating	TPO Coated Galvalume® Steel	PVC Coated Galvalume® Steel	Polyamide
Diameter	3" (76 mm)		1.5" (40 mm) 2.5" (65 mm) 4.3" (110 mm) 6.5" (165 mm)
Packaging	500 per Bucket		500 per Box
Packaging Weight	36 lb. (16.3 kg)		1.5" — 7 lb. (3.1 kg) 2.5" — 10.3 lb. (4.6 kg) 4.3" — 18 lb. (8.1 kg) 6.5" — 26.5 lb. (11.7 kg)
FM Approved*	✓		✓



The 4 in. (102 mm) **Cardboard Disc** is used in combination with a RhinoBond® plate when installing approved single-ply roof covers over EPS or XPS insulation. When placed between the RhinoBond® plate and the insulation, the 4 in. (102 mm) Cardboard Disc prevents the insulation from melting during the induction-welding process.

Product Data					
Plate	Drill-Tec™ RhinoBond® TPO XHD® Plate	Drill-Tec™ RhinoBond® PVC XHD® Plate	Drill-Tec™ RhinoBond® TPO SXHD® Plate	Drill-Tec™ RhinoBond® PVC SXHD® Plate	Cardboard Disc
Item Code #	4574	457C	4537	4538	45A1
Material / Coating	TPO Coated Galvalume® Steel	PVC Coated Galvalume® Steel	TPO Coated Galvalume® Steel	PVC Coated Galvalume® Steel	Coated Cardboard
Diameter	3" (76 mm)				4" (102 mm)
Packaging	500 per Bucket				250 per Box
Weight	36 lb. (16.3 kg)	37 lb. (16.7 kg)	43 lb. (19.5 kg)	43 lb. (19.5 kg)	4 lb. (1.8 kg)
FM Approved*	✓				N/A
Miami-Dade County Product Control Approved	✓				N/A
State of Florida Approved	✓				N/A

Please refer to GAF-published application instructions for approved substrates and additional information requirements at [gaf.com](http://gaf.com). For applications not listed or for additional information, contact GAF at 877-423-7663 or [designservices@gaf.com](mailto:designservices@gaf.com).

Galvalume® is a registered trademark of BIEC International Inc. and some of its licensed producers.

RhinoBond® is a registered trademark of OMG, Inc.

\* Refer to RoofNav.com for approved assemblies.



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

We protect what matters most™



# EverGuard® TPO 60 mil Membrane Information Sheet

Updated: 6/18



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



# EVERGUARD® TPO

MEMBRANE

60 MIL

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

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

## Why TPO

- Great Value—Excellent performance at a cost-effective price
- Excellent Seam Strength—Heat-welded seams provide greater seam strength to taped and other seams
- Long-term Weathering—Excellent long-term heat and UV resistance
- Energy Saving—Highly reflective and emissive white roof can help reduce energy costs and urban heat island effect
- CREST Energy Savings Calculator—See your potential savings at [cool.gaf.com](http://cool.gaf.com)
- Versatile Application Method

## Why GAF EverGuard® TPO

- Outperforms standard TPO in heat aging and UV tests—the best predictors of TPO performance
  - After accelerated heat aging at 275°F (135°C) for 105 days, EverGuard® TPO showed no cracking—while every one of the competitors' samples had failed! **See below:**
  - UV testing—Greater than 2.5 times the industry standard (ASTM D6878 weather resistance test)
- Guarantees are available up to 25 years when using EverGuard® TPO 60 mil Membrane.\*
- Easier to install due to:
  - Large welding window
  - Most complete line of accessories
  - 10' (3.05 m) wide sheets



Fall River Courthouse, Fall River, Massachusetts

## Installation

EverGuard® TPO 60 mil Membrane is suitable for all types of single-ply systems:

- Mechanically Attached Application...for a quick and cost-effective system that can be installed practically year-round.
- RhinoBond® Application...can be applied without using adhesives and installed practically year round. Qualifies for the same guarantee length as an adhered system.\*
- Adhered Application...can be installed with EverGuard® 1121 Solvent-Based Adhesive, EverGuard® Low VOC Adhesive, or EverGuard® WB181 Water-Based Adhesive for the smoothest appearance. Provides excellent wind uplift performance.

## Accessories

Field fabrication of TPO accessories is time-consuming, costly, inconsistent, and can lead to unreliable details that compromise a watertight roofing system. EverGuard® TPO prefabricated accessories deliver consistent quality and eliminate the worry and problems often associated with field fabrication. They can also boost productivity up to 200%,\*\* while reducing installed cost by up to 12%.

\*See applicable guarantees for complete coverage and restrictions.

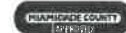
\*\*Based on GAF estimate to field-fabricate flashing details.



U.S. only



California Title 24 Compliant



TPO membranes meet the performance requirements of ICC ER-6030

# EverGuard® TPO 60 mil Membrane

## Applicable Standards

UL Listed, FM Approved, Miami-Dade County Product Control Approved, State of Florida Approved, CRRC Rated, Title 24 Compliant\*, ENERGY STAR® Certified\*\*, ASTM D6878.

Physical Properties	ASTM Test Method	ASTM D6878 Minimum	EverGuard® Typical Test Data
1. Certain data is provided in MD (machine direction) x CMD (cross machine direction) format. 2. Data is based upon typical product performance, and is subject to normal manufacturing tolerance and variance.			
Nominal Thickness	ASTM D751	0.039" (min.) (0.99 mm)	0.060" (1.52 mm)
Breaking Strength	ASTM D751 Grab Method	220 lbf/in. (38.5 kn/m)	305 lbf x 290 lbf (454 x 432 kg/m)
Factory Seam Strength	ASTM D751	66 lbf (98.34 kg/m)	135 lbf (membrane failure) (201.1 kg/m)
Elongation at Break	ASTM D751	15%	30%
Heat Aging	ASTM D573	90% Retention of Breaking Strength and Elongation at Break	100%
Tear Strength	ASTM D751 8" x 8" (203 x 203 mm) Sample	55 lbf (81.95 kg/m)	75 lbf x 130 lbf (111.8 x 193.7 kg/m)
Puncture Resistance	FTM 101C Method 2031	Not Established	380 lb. (172 kg)
Cold Brittleness	ASTM D2137	-40°C	-40°C
Permeance	ASTM E96	Not Established	0.08 Perms
Dimensional Change	ASTM D1204 @158°F (70°C), 6 hrs.	+/-1%	0.4%
Water Absorption	ASTM D471 @158°F (70°C), 1 week	+/-3.0% (top coating only)	0.7%
Hydrostatic Resistance	ASTM D751 Method D	Not Established	430 psi
Ozone Resistance	ASTM D1149	No visible deterioration @ 7 x magnification	No visible deterioration @ 7 x magnification
SRI (Solar Reflectance Index) Initial/Aged	N/A	N/A	94/81 83 Aged Title 24
Reflectivity (white) Initial/Aged	ASTM C1549 ASTM E903	N/A N/A	0.76/0.68 81.9% Reflectance
Emissivity (white) Initial/Aged	ASTM C1371 ASTM E403	N/A N/A	0.90/0.83 0.94
Weather Resistance	ASTM G155/D6878	10,080 kJ/(m <sup>2</sup> · nm) at 340 nm	>25,000 kJ/(m <sup>2</sup> · nm) at 340 nm
Heat Aging	ASTM D573	240°F (115°C) for 32 weeks	60 weeks
Thickness Above Scrim	ASTM D7635	Min 30% of Total Thickness	22.1 mil (Nominal)
<b>Guarantee</b>			
Up to 25 years			

\*White, Energy Gray, and Energy Tan Membranes Only

\*\*ENERGY STAR® only valid in the U.S.

## Product Data

Roll Size	5' x 100'	6' x 100'	8' x 100'	10' x 100'	12' x 100'
	(1.52 x 30.5 m) (500 sq. ft. [46.5 sq.m])	(1.83 x 30.5 m) (600 sq. ft. [55.74 sq.m])	(2.44 x 30.5 m) (800 sq. ft. [74.3 sq.m])	(3.05 x 30.5 m) (1,000 sq. ft. [92.9 sq.m])	(3.65 x 30.5 m) (1,200 sq. ft. [111.484 sq.m])
Roll Weight	162 lb. (73.5 kg)	194.4 lb. (88.2 kg)	257 lb. (117 kg)	322 lb. (146.1 kg)	386.4 lb. (175.3 kg)
Colors	White, Tan, Gray				
Storage	Store rolls on their sides on pallets or shelving in a dry area.				
Safety Warning	Membrane rolls are heavy. Position and install by at least two people.				
Note:	Membrane rolls shipped horizontally on pallets, stacked pyramid-style and banded. Product sizes, dimensions, and widths are nominal values and are subject to normal manufacturing/packaging tolerance and variation.				

RhinoBond® is a registered trademark of OMC.



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



# EverGuard® Diamond Pledge™ NDL Roof Guarantee



OWNER OF BUILDING _____	GUARANTEE NUMBER _____
NAME OF BUILDING _____	PERIOD OF COVERAGE _____
ADDRESS OF BUILDING _____	DATE OF COMPLETION _____
AREA OF ROOF (SQUARES) _____	GUARANTEE EXPIRATION DATE _____
APPLIED BY _____	ROOF SPECIFICATION _____

## THE GUARANTEE/SOLE AND EXCLUSIVE REMEDY

GAF Warranty Company LLC ("GAF") guarantees to you, the owner of the building described above, that GAF will provide "Edge To Edge" protection by repairing leaks through the GAF roofing membrane, liquid-applied membrane or coating, base flashing, high-wall waterproofing flashing, insulation, expansion joint covers, preflushed accessories, and metal flashings used by the contractor of record that were designed and installed in accordance with an appropriate ES-1 certified edge detail (the "GAF Roofing Materials") resulting from a manufacturing defect, ordinary wear and tear, or workmanship in applying the GAF Roofing Materials. There is no dollar limit on covered repairs. Leaks caused by any non-GAF materials, such as the roof deck or non-GAF insulation, are not covered.

## GUARANTEE PERIOD

This guarantee ends on the expiration date listed above.

## OWNER RESPONSIBILITIES

### Notification of Leaks

In the event of a leak through the GAF Roofing Materials, you **MUST** make sure that GAF is notified directly about the leak in writing, within **30 days** either online at [leakreporting@gaf.com](mailto:leakreporting@gaf.com), by email at [guaranteeleak@gaf.com](mailto:guaranteeleak@gaf.com), or by postal mail to GAF Warranty Claims Department, 1 Campus Drive, Parsippany, NJ 07054, or GAF will have no responsibility for making repairs. **NOTE:** The roofing contractor is **NOT** an agent of GAF; notice to the roofing contractor is **NOT** notice to GAF.

By notifying GAF, you authorize GAF to investigate the cause of the leak. If the investigation reveals that the leak is not covered by this guarantee, you agree to pay an investigation cost of \$500. This guarantee will be cancelled if you fail to pay this cost within 30 days of receipt of an invoice for it.

### Preventative Maintenance and Repairs

- You must perform regular inspections and maintenance and keep records of this work.
- To keep this guarantee in effect, you must repair any conditions in the building structure or roofing system that are not covered by this guarantee but that GAF concludes may be threatening the integrity of the GAF Roofing Materials. Any such repairs must be performed by a GAF-certified roofing contractor. Failure to make timely repairs may jeopardize guarantee coverage.
- You may make temporary repairs to minimize damage to the building or its contents in an emergency, at your sole expense. These repairs will not result in cancellation of the guarantee as long as they are reasonable and customary and do not result in permanent damage to the GAF Roofing Materials.
- Any equipment or material that impedes any inspection or repair must be removed at your expense so that GAF can perform inspections or repairs.

## EXCLUSIONS FROM COVERAGE

(e.g., items that are not "ordinary wear and tear" or are beyond the control of GAF)

This guarantee does **NOT** cover conditions other than leaks. This guarantee also does **NOT** cover leaks caused by any of the following:

- 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 1-877-GAF-ROOF) or the failure to repair owner responsibility items.
- Unusual weather conditions or natural disasters including, but not limited to, winds in excess of 55 miles per hour, hail, floods, hurricanes, lightning, tornadoes, and earthquakes, unless specifically covered by an addendum to this guarantee.
- Impact of foreign objects or physical damage caused by any intentional or negligent acts, accidents, misuse, abuse, or the like.
- Damage to the roof constructed of the GAF Roofing Materials due to: (a) movement, cracking, or other failure of the roof deck or building; (b) improper installation or failure of any non-GAF insulation or materials; (c) condensation or infiltration of moisture through or around the walls, copings, building structure, or surrounding materials except where high-wall GAF waterproofing flashings are installed; (d) chemical attack on the membrane, including, but not limited to, exposure to grease or oil; (e) the failure of wood nailers to remain attached to the structure; (f) moisture migration from the building interior or any building component other than the GAF Roofing Materials; (g) use of materials that are incompatible with the GAF Roofing Materials; or (h) architectural, engineering, or design defects or flaws.
- Traffic of any nature on the roof unless using GAF walkways applied in accordance with GAF published application instructions.
- Blisters in the GAF Roofing Materials that have not resulted in leaks.
- Changes in the use of the building or any repairs, installation of any overburden, modifications, or additions to the GAF Roofing Materials after the roof is completed, unless prior written approval is obtained from GAF.
- Exposure to sustained high-temperature conditions; however, for systems utilizing EverGuard Extreme® TPO membrane, exposure in excess of 195°F.

No representative, employee, or agent of GAF, or any other person, has the authority to assume any additional or other liability or responsibility for GAF, unless it is in writing and signed by an authorized GAF Field Services Manager or Director. GAF does not practice engineering or architecture. Neither the issuance of this guarantee, nor any review of the roof constructed of the GAF Roofing Materials (or the plans for the roof), by GAF shall constitute any warranty of such plans, specifications or construction, or the suitability or code compliance of the GAF Roofing Materials for any particular structure. **NOTE:** Any inspections made by GAF are limited to a surface inspection only, are for the sole benefit of GAF, and do not constitute a waiver or extension of any of the terms and conditions of this guarantee.

This guarantee **MAY BE SUSPENDED OR CANCELLED IF THE ROOF IS DAMAGED** by any cause listed above as AN EXCLUSION FROM COVERAGE that may affect the integrity or watertightness of the roof.

## TRANSFERABILITY

You may transfer or assign this guarantee to a subsequent owner of this building for the remaining term only if: 1) the request is in writing to GAF at the address listed below within 60 days after ownership transfer; 2) you make any repairs to the GAF Roofing Materials or other roofing or building components that are identified by GAF after an inspection as necessary to preserve the integrity of the GAF Roofing Materials; and 3) you pay an assignment fee of \$500. This guarantee is **NOT** otherwise transferable or assignable by contract or operation of law, either directly or indirectly.

## LIMITATION OF DAMAGES; MEDIATION; JURISDICTION; CHOICE OF LAW

THIS GUARANTEE IS EXPRESSLY IN LIEU OF ANY OTHER GUARANTEES OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, and of any other obligations or liability of GAF, whether any claim against it is based upon negligence, breach of warranty, or any other theory. In **NO** event shall GAF be liable for any CONSEQUENTIAL OR INCIDENTAL DAMAGES of any kind, including, but not limited to, interior or exterior damages and/or mold growth.

The parties agree that, as a condition precedent to litigation, any controversy or claim relating to this guarantee shall be first submitted to mediation before a mutually acceptable mediator unless GAF, at its sole option, elects to waive said requirement. In the event that mediation is unsuccessful, or is waived by GAF, the parties agree that neither one will commence or prosecute any lawsuit or proceedings other than before the appropriate state or federal court in the State of New Jersey. This guarantee shall be governed by the laws of the State of New Jersey, without regard to principles of conflicts of laws. Each party irrevocably consents to the jurisdiction and venue of the above identified courts.

**NOTE:** GAF shall have no obligation under this guarantee unless and until 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.

By: \_\_\_\_\_  
Authorized Signature

GAF  
1 CAMPUS DRIVE  
PARSIPPANY, NJ 07054

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

©2024 GAF • COMTS700-1224

We protect what matters most™



EverGuard<sup>®</sup>  
**GAF TPO Fleece-Back**  
 Membrane

45, 60, 80 mil



## Description:

GAF knows thermoplastic polyolefin (TPO). In fact, we've sold more than 7 billion square feet. GAF has been producing TPO for more than 20 years and operates 5 manufacturing plants around the United States. Combine performance and value with EverGuard<sup>®</sup> TPO Fleece-Back Membrane 45-mil, 60-mil, and 80-mil.

Factory-applied polyester fleece lets you offer the proven performance of EverGuard<sup>®</sup> TPO, while increasing durability and reducing labor:

- Provides enhanced puncture resistance against foot traffic, hail, and other impacts\*
- Does not require a slip sheet when installed over a variety of existing roof systems. Visit [gaf.com/recover](http://gaf.com/recover) for more details.
- Guarantees available according to thickness, with coverage up to 30 years for 80-mil†

## Help keep the membrane clean during installation:

EverGuard<sup>®</sup> TPO 60 mil and 80 mil smooth and EverGuard<sup>®</sup> Fleece-back 60 mil membranes are available with MembraneShield Temporary Dirt-Blocking Film — a monolayer protective sheet adhered to select GAF EverGuard<sup>®</sup> TPO membranes using a water-insoluble acrylic-based adhesive. The film is designed to be left on during installation of the roof

and to be removed after installation is completed or up to 90 days after installation. Only EverGuard<sup>®</sup> TPO labeled "With MembraneShield Temporary Dirt-Blocking Film" includes this feature.

## Installation:

Explore installation options — EverGuard<sup>®</sup> TPO Fleece-Back Membrane can be installed with a wide range of applications:

- **Mechanically attached** — quick, cost-effective, and available practically year-round
- **Adhered** — effective with EverGuard<sup>™</sup> WB181 Bonding Adhesive (water-based) or hot asphalt for a smooth appearance and excellent wind uplift
- **LRF Adhesive O** — low-rise foam that's low-VOC, ideal for minor surface irregularities, and available in a cartridge or 5-gallon container
- **LRF Adhesive M** — low-rise foam that's similar to LRF-O and can also be used for ISO insulation applications
- **LRF Adhesive XF** — 2-part low-rise foam that's Low-VOC, ideal for minor surface irregularities, and can adhere up to 24 squares of Fleece-Back Membrane
- **OlyBond 500** — 2-part low-rise foam that's Low-VOC, ideal for minor surface irregularities, and can adhere up to 24 squares of Fleece-Back Membrane

## Easy-to-Install Accessories:

EverGuard<sup>™</sup> TPO prefabricated accessories save you time and labor, deliver consistent performance, and create a uniform aesthetic.

### EverGuard<sup>™</sup> TPO Primerless 6" Cover Tape

Self-adhering patent-pending Primerless EverGuard<sup>™</sup> TPO 6" Cover Tape is non-reinforced TPO membrane backed with a butyl tape adhesive.



### EverGuard<sup>™</sup> TPO Split Pourable Sealer Pocket

The low-profile design requires less sealant and can be cut down to size to more tightly fit around penetrations.



### EverGuard<sup>™</sup> TPO Vent Boot

One standard size of the molded membrane Vent Boot accommodates 1"–6" (25.4 mm – 152 mm) pipes and conduits. Vent Boots come with stainless steel clamping rings for the top of the penetration.



### EverGuard<sup>™</sup> TPO Scuppers

Manufactured with TPO-coated metal and unreinforced membrane for use in waterproofing wall scuppers, eliminating unnecessary flashing to waterproof the wall opening.



See our complete line of time-saving prefabricated TPO Accessories

\* GAF warranties and guarantees do not provide coverage against traffic except where GAF walkways are applied, or against hail or other impact. Refer to [gaf.com](http://gaf.com) for more information on warranty and guarantee coverage and restrictions. Hail or puncture resistance coverage may be available for purchase for eligible systems. Contact GAF for more information.  
 † Additional requirements apply. Contact GAF for more information. See applicable guarantee, available at [gaf.com](http://gaf.com), for complete coverage and restrictions.



We protect what matters most™



**EverGuard®**  
**GAF TPO Fleece-Back**  
 Membrane  
**45, 60, 80 mil**



**Physical Properties (ASTM D6878)**

Type	ASTM Test Method	ASTM D6878 Minimum	EverGuard® TPO Fleece-Back Membrane Test Values (approx.)*		
			45 mil	60 mil	80 mil
Nominal Thickness	ASTM D751	0.039" (0.99 mm)	0.045" (1.14 mm)	0.060" (1.52 mm)	0.080" (2.03 mm)
Breaking Strength	ASTM D751 Grab Method	220 lbf (978 N)	375 lbf x 330 lbf (1,668 N x 2,188 N)	400 lbf x 360 lbf (1,779 N x 1,601 N)	440 lbf x 390 lbf (1,957 N x 1,735 N)
Factory Seam Strength	ASTM D751	66 lbf (294 N)	115 lbf (512 N) (membrane failure)	145 lbf (645 N) (membrane failure)	155 lbf (689 N) (membrane failure)
Elongation at Break	ASTM D751	15%	30%	30%	30%
Heat Aging	ASTM D573	90% Retention of Breaking Strength and Elongation at Break	100%	100%	100%
Tear Strength	ASTM D3045 8" x 8" sample (203 mm x 203 mm)	55 lbf (245 N)	90 lbf x 120 lbf (400 N x 534 N)	70 lbf x 130 lbf (311 N x 578 N)	100 lbf x 180 lbf (445 N x 801 N)
Puncture Resistance	FTM 101C Method 2031	Not Established	>350 lb. (159 kg)	>380 lb. (172 kg)	>380 lb. (172 kg)
Cold Brittleness	ASTM D2137	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)	-40°F (-40°C)
Permeance	ASTM E96	Not Established	0.08 Perms	0.08 Perms	0.08 Perms
Dimensional Change	ASTM D1204 @ 158°F (70°C), 6 hrs.	±1%	0.2%	0.4%	0.4%
Water Absorption	ASTM D471 @ 158°F (70°C), 1 week	±3.0%	0.7%	0.7%	0.7%
Hydrostatic Resistance	ASTM D751 Method D	Not Established	390 psi	430 psi	430 psi
Ozone Resistance	ASTM D1149	No visible deterioration @ 7x magnification	No visible deterioration @ 7x magnification	No visible deterioration @ 7x magnification	No visible deterioration @ 7x magnification
Weather Resistance	ASTM G155 / D6878	10,080 KJ/(m <sup>2</sup> ·nm) at 340 nm	>20,000 KJ/(m <sup>2</sup> ·nm) at 340 nm	>25,000 KJ/(m <sup>2</sup> ·nm) at 340 nm	>25,000 KJ/(m <sup>2</sup> ·nm) at 340 nm
Heat Aging	ASTM D573	240°F (115°C), 32 weeks	60 weeks	60 weeks	60 weeks
Thickness above Scrim	ASTM D7635	Min 30% of Total Thickness	15.8 mil (Nominal)	22.1 mil (Nominal)	31.4 mil (Nominal)
Available Guarantees			Up to 20 years	Up to 25 years	Up to 30 years

\* Values stated are approximate and subject to normal manufacturing variation. These values are not guaranteed and are provided solely as a guide. Additional requirements apply. Contact GAF for more information. See applicable guarantee, available at [gaf.com](http://gaf.com), for complete coverage and restrictions.



**EverGuard®**  
**GAF TPO Fleece-Back**  
 Membrane  
**45, 60, 80 mil**



**Sustainability Ratings/Certifications**



The ratings below are subject to CRRC rating program conditions, requirements, and limitations. Visit [coolroofs.org](http://coolroofs.org) for important information and disclaimers about CRRC rating conditions, requirements, and limitations.

Product ID#	Type	Solar Reflectance	Thermal Emittance	Solar Reflectance Index (SRI)
	ASTM Test Method	ASTM C1549	ASTM C1371	ASTM E1980
White 0676-0027	Initial	0.81	0.90	101
	Aged 3 yrs*	0.75	0.90	92

**LEED Information**

Manufacturing Location	Mount Vernon, IN, New Columbia, PA, Cedar City, UT, Valdosta, GA
------------------------	--

**Applicable Standards and Approvals**

Classified by UL in accordance with ANSI/UL790, including Class A-rated roofing assemblies. Refer to UL Product iQ for specific assemblies.	FM Approved (Refer to <a href="http://roofnav.com">roofnav.com</a> for actual assemblies).	Miami-Dade County Product Control Approved
Meets or exceeds the requirements of ASTM D6878	State of Florida Approved	Meets or exceeds the requirements of the Texas Department of Insurance.
Can be used to comply with the Title 24, Part 6, Cool Roof Requirements of the California Code of Regulations. (White only)	ICC-ES Evaluation Report ESR-4676 (Cedar City, UT only)	UL Evaluation Report UL ER1306-01

**Product Data**

Roll Size	45 mil	60 mil	80 mil
10' Roll Size	10' x 100' (3.05 m x 30.5 m) 1,000 sq. ft. (92.9 sq. m)	10' x 100' (3.05 m x 30.5 m) 1,000 sq. ft. (92.9 sq. m)	10' x 50' (3.05 x 15.24 m) 500 sq. ft. (46.5 sq.m)
10' Roll Weight (Average)	260 lb. (118 kg)	335 lb. (152 kg)	219 lb. (110 kg)
5' Roll Size	5' x 100' (1.52 m x 30.5 m) 500 sq. ft. (46.5 sq. m)	5' x 100' (1.52 m x 30.5 m) 500 sq. ft. (46.5 sq. m)	5' x 50' (1.52 x 15.24 m) 250 sq. ft. (23.23 sq.m)
5' Roll Weight (Average)	130 lb. (59 kg)	168 lb. (76 kg)	110 lb. (50 kg)
Colors	White, Tan, Gray	White, Tan, Gray, Energy Tan, Energy Gray	White, Tan, Gray
Storage	Store on pallets in a clean, dry area at temperatures below 100°F (38°C).		
Safety Warning	Membrane rolls are heavy. Employ at least two people to position and install.		

\* CRRC Rapid Ratings: Interim laboratory-aged values that simulate naturally aged values and will be replaced by the measured three-year naturally aged values upon completion of the weathering process. Membrane rolls shipped horizontally on pallets, stacked pyramid-style, and banded.

For additional information, contact GAF Design Services at **1-877-423-7663** or [designservices@gaf.com](mailto:designservices@gaf.com)

**We protect what matters most™**



**Why is the school district requesting to award the construction contract through the TIPS process instead of the competitive bid process**

The district is requesting approval to utilize the TIPS cooperative purchasing process because it provides several important benefits to the school district while still maintaining a competitively procured process.

First, TIPS has already completed a formal competitive procurement process that evaluates contractor pricing, qualifications, and compliance requirements.

Second, utilizing TIPS reduces the administrative burden on district staff by eliminating the need to conduct a separate full bid process.

Third, the cooperative purchasing model can provide cost efficiencies through competitively established pricing and reduced procurement expenses.

Additionally, TIPS contractors are prequalified and have already met standards related to licensing, insurance, and experience, giving the district confidence in contractor capability and performance.

Finally, the TIPS process provides procurement documentation and audit transparency designed to comply with public purchasing requirements and accountability standards.

**If the answer relates to timing and that the use of the bidding process will result in the construction project not being completed in time to meet a specific timeline, then:**

The specific timeline for completion is before the start of the upcoming school year. The Junior High roof project must be completed during the summer break to avoid disruption to students and staff once school resumes. While some of the other roofing projects could potentially be delayed if necessary, the Junior High roof is considered time-sensitive and critical to complete before school starts.

The district anticipates that conducting a full competitive bidding process would take a minimum of 30–45 days. That timeline would place the Junior High roofing project behind schedule and create a significant risk that construction would not be completed before the beginning of the school year.

The district did plan ahead by soliciting pricing from several TIPS-approved vendors. However, once pricing was received for the current roofing projects, the total project cost exceeded the threshold requiring subcommittee approval. Utilizing the TIPS cooperative purchasing process allows the district to move forward more efficiently while still using competitively procured and preapproved contractors.

**If the answer relates to the prior use of the vendor or the use of a local vendor:**

**For the past five years, provide a description of each construction project and the total amount paid for each construction project;**

- **HVAC Upgrade at the elementary and High School- \$1,807,429- Construction Management Competitive bid process- Entegrity Energy Partners**
- **Concrete flooring project at Booneville High School - \$161,384- TIPS Program- Dennis Neal Resurfacing**
- **HVAC Replacement at Booneville elementary - \$195,803 – Competitive Bid Process- Brown /Winters HVAC**
- **Emergency Roofing Project Hail Strom. Booneville High School, Gym locker rooms, Technology Center. TIPS, ASBA approved recommended vendor for emergency roofing- Kirk Roofing**
- **Elementary Safe Room- \$97,250- TIPS/ BID- Coryell Roofing**
- **Bus Garage, Maintenance Building Roofing- 197,738- TIPS**

**How did the requested vendor receive the first construction project with the school district (TIPS or bid process)**

Booneville School District is recommending a vendor that has previously completed roofing projects for the district. The recommended vendor also submitted the lowest proposal among the three bids received from TIPS-approved vendors. All three vendors that submitted proposals have previously completed smaller roofing projects for the district and are familiar with district facilities and expectations.

Over the past five years, the district has utilized these vendors for various smaller roofing repair and replacement projects at multiple campuses. The projects primarily involved maintenance repairs, partial roof replacements, and leak mitigation efforts necessary to maintain district facilities.

The requested vendor originally received work with the district after the district solicited bids from TIPS-approved vendors for smaller roofing projects. The district has continued to utilize vendors that have demonstrated quality work, competitive pricing, and timely completion of projects.

**Does the school district believe the price of the construction project will be less or more expensive using the TIPS program than the competitive bid process.**

The district believes the overall project cost through the TIPS cooperative purchasing process will be less than or very similar to what would be obtained through a traditional competitive bid process. Based on the district's prior experience utilizing both procurement methods, pricing has remained competitive under the TIPS program while also providing additional efficiencies in project scheduling and procurement administration.

**Did the school district request any informal quotes or request for information in making this determination.**

Yes. The district requested and received three bids from roofing contractors for the project. All bids were obtained from contractors approved through the TIPS cooperative purchasing program and were reviewed as part of the district's evaluation process.