

# DAMMON

## ENGINEERING, INC.

554 Old Spanish Trail  
Slidell, LA 70458  
985.649.5832

www.dammonengineering.com  
info@dammonengineering.com

*Architects & Engineers*

### SHOP DRAWING and SAMPLE TRANSMITTAL

DATE: 05/22/2026

TO: Dynamic Constructors  
1028 Market St.  
Metairie, La. 70003  
Jeffrey R. Hymel, Jr. (Jeff)

FROM: Chuck Dammon

SUBMITTAL No.: 073113

REFERENCE: Fire Station #10

DE Project: 2519

**WE TRANSMIT:**

enclosed  under separate cover  \_\_\_\_\_

**FOR YOUR:**

use  record  approval  
 review and comment  information  drafting

**THE FOLLOWING:**

drawing(s)  contracts  specifications  
 shop drawings  samples  change order(s)  
 product information  warranty  substitution request

# COPIES	DESCRIPTION	ACTION
Electronic	Asphalt Shingles & Ridge Vent	F

**ACTION CODES:**

- |    |                           |    |   |
|----|---------------------------|----|---|
| A. | Reviewed/No Exceptions    | D. | No Action Required                      |
| B. | Reviewed/Exceptions Noted | E. | For Signature and Return to this Office |
| C. | Revise and Resubmit       | F. | See Remarks Below                       |
| G. | Rejected                  |    |   |

**REMARKS:**

Total of 4 ridge vents

COPIES TO: File



## Transmittal Letter

**PROJECT:** *(Name and address)*

St. Tammany Fire Protection District No.1 - Fire Station #10  
 2745 Lakeshore Vista Blvd  
 Slidell, Louisiana 70461

**TO:** *(Name and address)*

Dammon Engineering Inc.  
 554 Old Spanish Trail  
 Slidell, LA 70458

**FROM:** *(Name and address)*

Dynamic Constructors, LLC  
 1028 Market St.  
 Metairie, LA 70003  
 Jeffrey R. Hymel, Jr. (Jeff)

Orleans Sheet Metal Works & Roofing  
 2630 Orleans Ave.  
 New Orleans, LA 70119  
 073113 Asphalt Shingles & Ridge Vent

**WE TRANSMIT:** Attached Under separate cover**VIA:** Overnight delivery Mail E-mail Courier Fax Other**FOR:** Approval / Action Information Use as requested Comment Distribution Other**THE FOLLOWING:** Drawings Specifications Digital Files Submittals Other

NO. OF COPIES	DATE	FORMAT	DESCRIPTION
1	5.21.26	PDF	SUBMITTALS

**REMARKS:**

For review and approval.

**BY:**

Dynamic Constructors, LLC, Georgia Barrett

**COPIES TO:**

Dammon Engineering Inc., Chuck Dammon



## America's #1-selling shingle just got better!

The same shingle you know and love, now with LayerLock™ Technology which powers the industry's widest nailing area.

### SHOP DRAWING / SUBMITTAL REVIEW

REVIEWED  REVIEWED AS NOTED

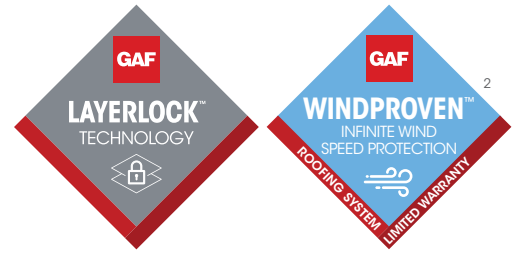
REVISE AND RESUBMIT  REJECTED

Project No.: 2519 Submittal No.: 073113

Corrections or comments made on the shop drawings during this review do not relieve the contractor from compliance with requirements of the drawings and specifications. This check is only for review of the general conformance with the design concept of the project and general compliance with the information given in the contract documents. This contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating his or her work with that and other trades and performing all in a safe and satisfactory manner.

By: Chuck Dammon Date: 05-22-26

**DAMMON ENGINEERING, INC.**  
Slidell, LA



# Timberline® HDZ™ Shingles

## Benefits:

- **LayerLock™ Technology** — Proprietary technology mechanically fuses the common bond between overlapping shingle layers.
- **Up to 99.9% nailing accuracy** — The StrikeZone™ nailing area is so easy to hit that a roofer placed 999 out of 1,000 nails correctly in our test.<sup>1</sup>
- **WindProven™ Limited Wind Warranty** — When installed with the required combination of GAF Accessories, Timberline® HDZ™ Shingles are eligible for an industry first: a wind warranty with no maximum wind speed limitation.<sup>2</sup>
- Our legendary **Dura Grip™** sealant pairs with the smooth microgranule surface of the StrikeZone™ nailing area for fast tack. Then, an asphalt-to-asphalt monolithic bond cures for durability, strength, and exceptional wind uplift performance.
- **StainGuard® Algae Protection** — Helps protect the beauty of your roof against unsightly blue-green algae discoloration.<sup>3</sup>
- **High Performance** — Designed with Advanced Protection® Shingle Technology.
- **Seamless compatibility** — The new Timberline® HDZ™ Shingles are compatible with traditional Timberline HD® Shingles for the same look and feel homeowners and contractors rely on for beauty and endurance.<sup>4</sup>
- **Perfect Finishing Touch** — For the best look, use TimberTex® Premium Ridge Cap Shingles or TimberCrest™ Premium SBS-Modified Ridge Cap Shingles.

## Product details:

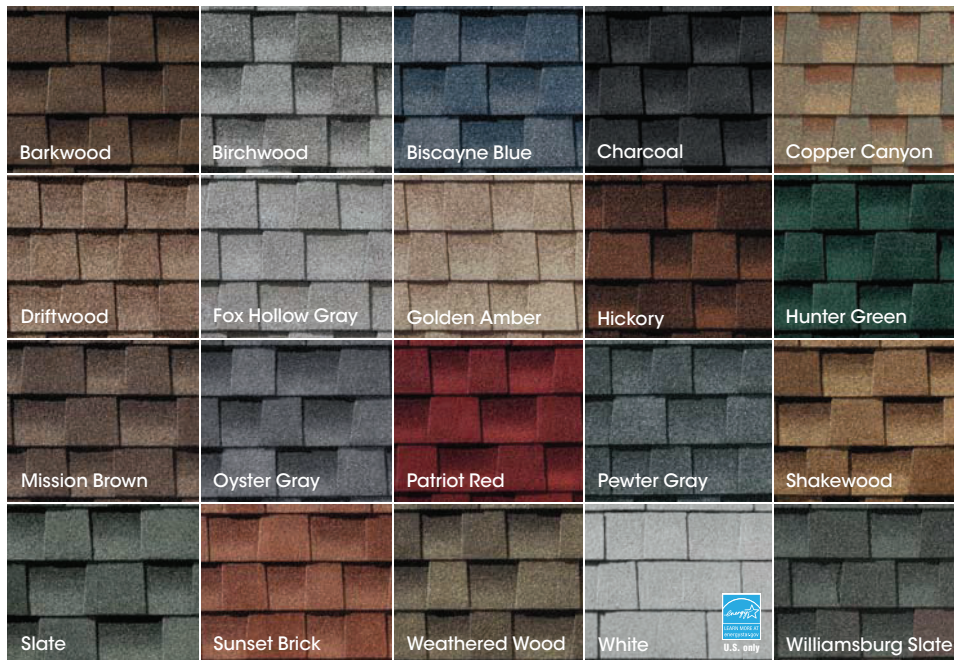
### Product/System Specifics

- Fiberglass asphalt construction
- Dimensions (approx.): 13 1/4" x 39 3/8" (337 x 1,000 mm)
- Exposure: 5 5/8" (143 mm)
- Bundles/Square: 3
- Pieces/Square: 64
- StainGuard® Algae Protection<sup>3</sup>
- Hip/Ridge: TimberTex®; TimberCrest™; Seal-A-Ridge®; Z®Ridge; Ridglass®
- Starter: Pro-Start®; QuickStart®; WeatherBlocker™

### Applicable Standards & Protocols:

- UL Listed to ANSI/UL 790 Class A
- State of Florida approved
- Classified by UL in accordance with ICC-ES AC438
- Meets ASTM D7158, Class H
- Meets ASTM D3161, Class F
- Meets ASTM D3018, Type 1
- Meets ASTM D3462<sup>5</sup>
- ICC-ES Evaluation Reports ESR-1475 and ESR-3267
- Meets Texas Department of Insurance Requirements
- ENERGY STAR® Certified (White Only) (U.S. Only); Rated by the CRRC; Can be used to comply with Title 24 cool roof requirements

## Colors & Availability:



<sup>1</sup> Results based on study conducted by Home Innovation Research Labs, an independent research lab, comparing installation of Timberline HD® Shingles to Timberline® HDZ™ Shingles on a 16-square roof deck using standard 4-nail nailing pattern under controlled laboratory conditions. Actual results may vary.

<sup>2</sup> 15-year WindProven™ limited wind warranty on Timberline® HDZ™ Shingles requires the use of GAF starter strips, roof deck protection, ridge cap shingles, and leak barrier or attic ventilation. See *GAF Roofing System Limited Warranty* for complete coverage and restrictions. Visit [gaf.com/LRS](http://gaf.com/LRS) for qualifying GAF products.

<sup>3</sup> StainGuard® algae protection is available only on shingles sold in packages bearing the StainGuard® logo. Products with StainGuard® algae protection are covered by a 10-year limited warranty against blue-green algae discoloration. See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.

<sup>4</sup> To be mixed on one roof, Timberline® HDZ™ Shingles and Timberline HD® Shingles must have matching 6-digit codes found on the end of the bundle. When mixed, always use Timberline HD® installation instructions.

<sup>5</sup> Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.

<sup>6</sup> Lifetime refers to the length of warranty coverage provided and means as long as the original individual owner(s) of a single-family detached residence [or eligible second owner(s)] owns the property where the qualifying GAF products are installed. For other owners/structures, Lifetime coverage is not applicable. Lifetime coverage on shingles requires use of GAF Lifetime shingles only. See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions. Lifetime coverage on shingles and accessories requires use of any GAF Lifetime Shingle and any 3 qualifying GAF accessories. See *GAF Roofing System Limited Warranty* for complete coverage and restrictions. Visit [gaf.com/LRS](http://gaf.com/LRS) for qualifying GAF products.

Note: It is difficult to reproduce the color clarity and actual color blends of these products. Before selecting your color, please ask to see several full-size shingles.

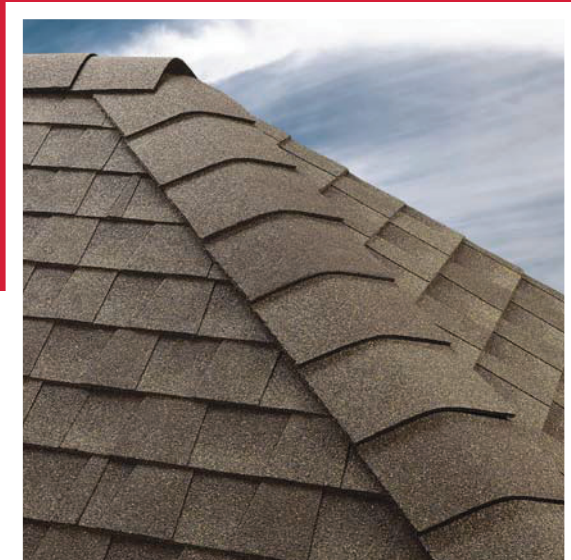


We protect what matters most™



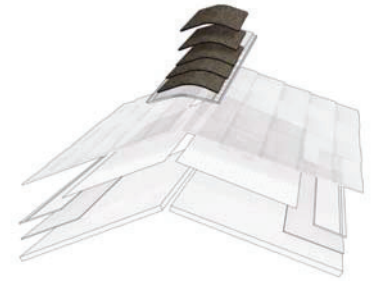
# TimberTex<sup>®</sup> Premium Ridge Cap Shingles

Choose the perfect finishing touch for your new roof with premium, distinctive protective ridge cap shingles



- Offer double-layer protection against leaks and blow-offs at the hips and ridges
- Provide a high-quality alternative to cut-up strip shingles
- Provide enhanced limited warranty coverage<sup>1</sup> (vs. using typical 20- or 25-year cut-up 3-tab strip shingles as your ridge cap)

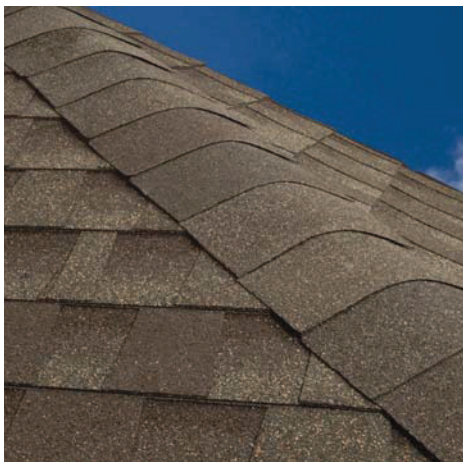
# TimberTex® Premium Ridge Cap Shingles



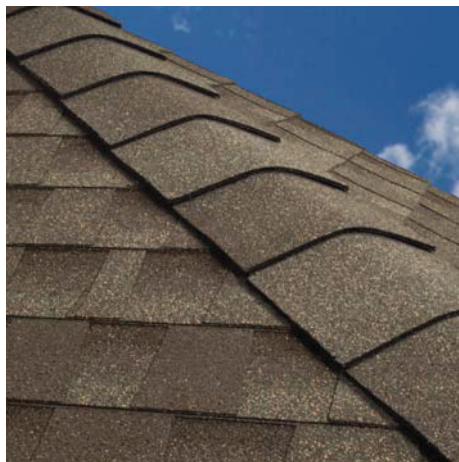
## Benefits:

- **Extra-thick, double-layer design** with large 8" (203 mm) exposure provides excellent dimension
- **Accentuate the beauty** of your newly installed GAF shingle roof
- **Manufactured by GAF to complement your GAF shingles** (unlike cut-up 3-tab shingles)
- **Dura Grip™ Self-Seal Adhesive** seals each piece tightly and helps reduce the risk of shingle blow-off
- **StainGuard® Protection** helps ensure the beauty of your ridge cap shingles against unsightly blue-green algae<sup>2</sup>
- **Eligible for up to a Lifetime limited warranty.**<sup>1</sup> They're also an eligible component for GAF residential system warranties.
- **Fewer pieces to install** (vs. typical cut-up 3-tab shingles) saves time on the roof

## See the difference:



**Before**  
Cut-up 3-tab strip shingles used at the hips and ridges



**After**  
A distinct finishing look that also protects against leaks and shingle blow-offs

## Product Details:

### Nominal Specifications:

- 12" (305 mm) width
- 8" (203 mm) exposure

### Packaging:

- 30 double-layer ridge caps per bundle

### Coverage:

- 20 lineal ft. (6.1 lm) per bundle
- 5 bundles cover 100 lineal ft. (30.5 lm)
- 150 pieces cover 100 lineal ft. (30.5 lm)

### Code Approvals:

- UL Listed to ANSI/UL 790 Class A<sup>3</sup>
- ASTM D3462<sup>4</sup>
- ASTM D3018 Type 1
- ASTM D3161 Class A
- ASTM D3161 Class F<sup>5</sup>
- ICC-ES AC438
- CSA A123.5
- ICC Evaluation Reports ESR-1475 and ESR-3267
- Miami-Dade County Product Control Approved
- Florida Building Code Approved

<sup>1</sup> See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions. The word "Lifetime" refers to the length of coverage provided by the *GAF Shingle & Accessory Limited Warranty* and means as long as the original individual owner(s) of a single-family detached residence [or the second owner(s) in certain circumstances] owns the property where the shingles and accessories are installed. For owners/structures not meeting the above criteria, Lifetime coverage is not applicable. Lifetime limited warranty on accessories requires the use of at least three qualifying GAF accessories and the use of Lifetime Shingles.

<sup>2</sup> StainGuard® algae protection is available only on shingles sold in packages bearing the StainGuard® logo. Products with StainGuard® algae protection are covered by a 10-year limited warranty against blue-green algae discoloration. See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.

<sup>3</sup> Refer to UL Online Certification Directory for actual assemblies.

<sup>4</sup> Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at the time of manufacture.

<sup>5</sup> With sealant applied as specified in manufacturer's installation instructions for maximum wind speed coverage.

Note: See [gaf.com/ridgecapavailability](http://gaf.com/ridgecapavailability) for regional availability



To learn more about the Lifetime Roofing System visit [gaf.com/Lifetime](http://gaf.com/Lifetime)

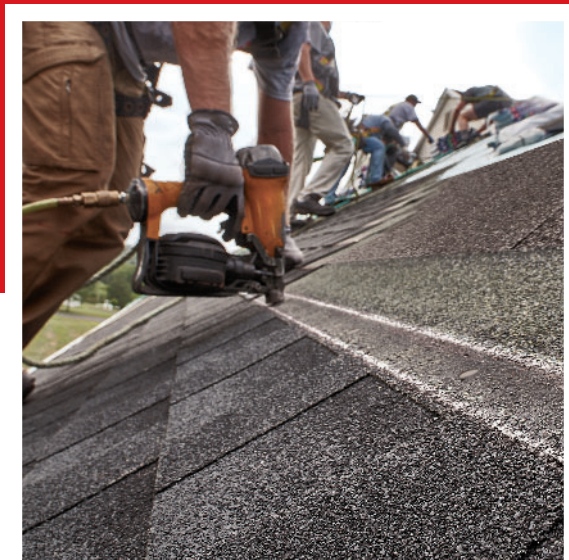


We protect what matters most™



# America's #1-selling shingle just got better

Featuring the industry's largest nail zone

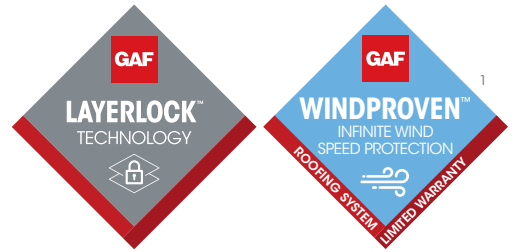


Introducing the same shingle you know and love, now with LayerLock™ Technology, which powers the industry's widest nail zone and first wind warranty with no maximum wind speed limitation.\*

\*15-year WindProven™ limited wind warranty on Timberline® HDZ™ Shingles requires the use of GAF starter strips, roof deck protection, ridge cap shingles, and leak barrier or attic ventilation. See *GAF Roofing System Limited Warranty* for complete coverage and restrictions. Visit [gaf.com/LRS](http://gaf.com/LRS) for qualifying GAF products.

We protect what matters most™

**GAF**



# Timberline® HDZ™ Shingles

## Benefits:

- **LayerLock™ Technology** mechanically fuses the common bond between overlapping shingle layers.
- The added strength at the common bond powers the **StrikeZone™** — The industry's widest nailing area.
- **Up to 99.9% nailing accuracy** — The StrikeZone™ nailing area is so easy to hit that a roofer placed 999 out of 1,000 nails correctly in our test.<sup>2</sup>
- **Up to 30% faster nail fastening** thanks to the industry's largest nail zone.<sup>2</sup>
- Our legendary **Dura Grip™** sealant pairs with the smooth microgranule surface of the StrikeZone™ nailing area for fast tack. Then, an asphalt-to-asphalt monolithic bond cures for durability, strength, and exceptional wind uplift performance.
- **WindProven™ Limited Wind Warranty<sup>1</sup>** — When installed with the required combination of GAF Accessories, Timberline® HDZ™ Shingles are eligible for an industry first: a wind warranty with no maximum wind speed limitation.

## Installation:



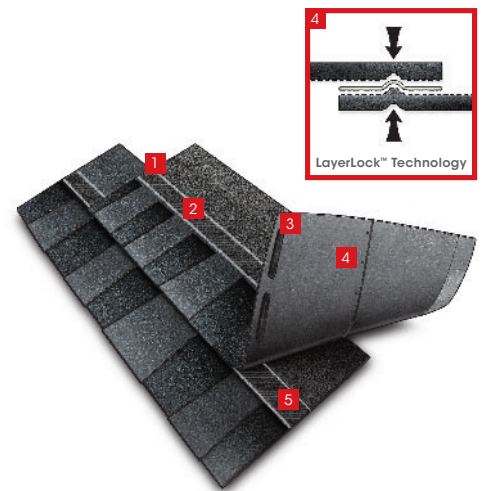
### The StrikeZone™ Nailing Area

The industry's largest nailing area for up to 99.9% nail placement accuracy.<sup>2</sup>



### LayerLock™ Technology

Proprietary technology mechanically fuses the common bond between overlapping shingle layers.



1. Alignment guide
2. StrikeZone™ Nailing Area
3. Dura Grip™ Adhesive
4. LayerLock™ Technology
5. Smooth microgranule surface



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

<sup>1</sup> 15-year WindProven™ limited wind warranty on Timberline® HDZ™ Shingles requires the use of GAF starter strips, roof deck protection, ridge cap shingles, and leak barrier or attic ventilation. See *GAF Roofing System Limited Warranty* for complete coverage and restrictions. Visit [gaf.com/LRS](http://gaf.com/LRS) for qualifying GAF products.

<sup>2</sup> Results based on study conducted by Home Innovation Research Labs, an independent research lab, comparing installation of Timberline HDZ™ Shingles to Timberline® HDZ™ Shingles on a 16-square roof deck using standard 4-nail nailing pattern under controlled laboratory conditions. Actual results may vary.

We protect what matters most™



# Cobra Rigid Vent 3 Sell Sheet

(RESCB173)

Updated: 11/14



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

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

# Cobra® RIGIDVENT3™

Exhaust Vent for Roof Ridge

Learn about  
Attic  
Ventilation

*Help Protect Your Roof  
From Premature Deterioration  
By Providing Effective*

# Attic Exhaust Ventilation

Effective attic ventilation is critical for a long-lasting roof! A properly balanced attic ventilation system will help to:

- Remove excess heat and moisture to protect your roof from premature deterioration
- Prevent roof rot in your attic or roof deck
- Minimize peeling and extend the life of exterior and interior paint
- Limit the growth of harmful mold
- Safeguard your attic possessions against mildew damage
- Guard against ice damming in harsh winter climates
- Promote energy efficiency by reducing excessive heat in your attic

Cobra® Rigid Vent 3™ Exhaust Vent is a key part of the GAF Lifetime Roofing System, and has even earned the prestigious Good Housekeeping Seal (see reverse).

*Stale Air Escapes Through  
Cobra® Rigid Vent 3™  
Exhaust Vent (Installed  
Under Ridge Cap  
Shingles)*



*Fresh Air Enters Attic Through  
Intake Vent At Soffit Or Eave*



U.S. Only

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

# Cobra®

# RIGIDVENT 3™

## Exhaust Vent for Roof Ridge

Cobra® Rigid Vent 3™ ... for 12" width ridge caps  
 Cobra® Rigid Vent 3™ - 9" ... for 10" width ridge caps

**Includes:**  
**EasyTear™**  
**Sizing Feature**  
**and 3" Ring**  
**Shank Nails**

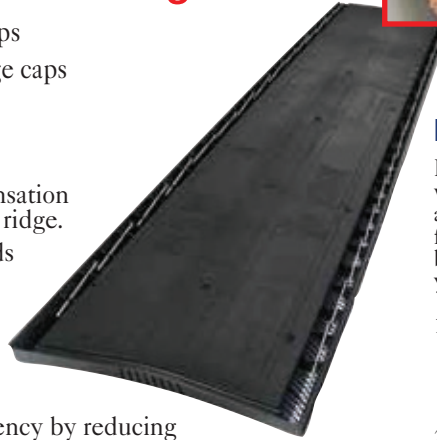


Texas Department of Insurance Product Evaluation RV-29  
 Florida Building Code ICC-ES ESR 1265



### Homeowner's Best Choice

- **Vents Your Attic...** Allows heat and condensation to escape at the most effective location—the ridge.
- **Looks Terrific...** Shingle-over design blends into your ridge line.
- **Strong Protection...** Passes the 110 mph wind-driven rain test.†
- **Insect Guard...** Specially designed louver spacing helps keep insects out.
- **Energy Efficient...** Promotes energy efficiency by reducing excessive heat in your attic.
- **Durable...** Designed with high-impact polymers.
- **Peace Of Mind...** Up to a Lifetime Ltd. warranty when installed on Lifetime Shingle roofs.\*



†Under controlled laboratory testing conducted by GAF.

### Professional's Best Choice

- **Effective...** Provides 18 sq. inches per lineal foot of net free ventilating area.
- **3" Ring Shank Nails Included...** Ensures proper fastening on every installation. They're also Miami-Dade County approved for corrosion resistance.
- **Easy Sizing...** EasyTear™ feature allows you to hand-tear product in 3" increments—no knives necessary and less waste!
- **Fits Better...** Extra-flexible hinge design allows installation on 3:12 to 16:12 sloped roofs.
- **No End Caps Needed!**
- **Crush Resistant...** Internal structural support for added durability.
- **No Gaps...** Edge overhang allows smooth, continuous coverage between sections.
- **Fewer Call-backs...** External baffles help deflect wind and rain.
- **Cap Shingle Compatible...** Available in two widths to work with 12" or 10" ridge cap shingles.

### Balanced Ventilation Requirements

Balanced ventilation requires an equal amount of intake ventilation and exhaust ventilation. GAF recommends, at a minimum, providing 1 square foot of Net Free Ventilation for every 300 square feet of attic floor space. Consult local building codes for specific ventilation requirements in your area.

1. Calculate the total square footage of the attic floor area (round up to the next highest number). This number will determine the minimum total lineal feet of Cobra® Rigid Vent 3™ Exhaust Vent that is needed.
2. Find the appropriate amount of Cobra® Rigid Vent 3™ Exhaust Vent and minimum intake ventilation that corresponds to the total attic square footage.

#### Based on 1/300 Rule

Total Attic Square Footage	Recommended Length of Cobra® Rigid Vent 3™ Exhaust Vent (Feet)	Minimum Intake Ventilation (Net Free Area in Sq. In.)
1600	22	396
1900	26	468
2200	30	540
2500	34	612
2800	38	684
3100	42	756
3400	46	828

Cobra® Rigid Vent 3™ Exhaust Vent has 18.0 sq. in./lineal ft. of net free ventilating area.

**NOTE:** Always have a balanced ventilation system. In no case should the amount of exhaust ventilation at the ridge exceed the amount of soffit ventilation.

One box (40') of Cobra® Rigid Vent 3™ Exhaust Vent replaces:



More Than Just Coverage  
 On Your Shingles!

Get Automatic  
**Lifetime Protection**  
 On Your Entire GAF  
 Roofing System!\*

When you install any GAF  
 Lifetime Shingle and at least  
 3 qualifying GAF accessories,  
 you'll automatically get:

- A Lifetime Ltd. warranty on your shingles and all qualifying GAF accessories!\*
- Non-prorated coverage for the first 10 years\*



LIFETIME SHINGLES COBRA ATTIC VENTILATION ROOF DECK PROTECTION LEAK BARRIER STARTER STRIP SHINGLES RIDGE CAP SHINGLES



\*See GAF Shingle & Accessory Ltd. Warranty for complete coverage and restrictions. The word "Lifetime" means as long as the original individual owner(s) of a single-family detached residence (or the second owner(s) in certain circumstances) owns the property where the shingles and accessories are installed. For owners/structures not meeting the above criteria, Lifetime coverage is not applicable. Lifetime Ltd. warranty on accessories requires the use of at least three qualifying GAF accessories and the use of Lifetime Shingles.



The GAF Lifetime Roofing System has earned the prestigious Good Housekeeping Seal, which means that Good Housekeeping stands behind the products in this system. (Refer to Good Housekeeping Magazine for its consumer protection policy. Applicable in U.S. only.)

