

# **ArmorShield™ Brochure**

(RESIR100)

Updated: 1/17



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



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

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

# ARMORSHIELD™

## SERIES

S B S M O D I F I E D I R S H I N G L E S



Get Extra Protection For  
Your Most Valuable Asset!



**TIMBERLINE**  
**ARMORSHIELD™ II**  
S B S M O D I F I E D I R S H I N G L E S

**GRAND SEQUOIA®** **ARMORSHIELD™**  
S B S M O D I F I E D I R S H I N G L E S

## GAF offers multiple shingles with enhanced impact resistance, including Timberline® ArmorShield™ II SBS Modified IR Shingles and Grand Sequoia® ArmorShield™ SBS Modified IR Shingles.

They provide an excellent combination of protection and beauty for your home. Made with our proprietary SBS modified asphalt formulation, our ArmorShield™ Series Shingles pass the industry's toughest impact-resistance test: UL 2218 Class 4. They also offer:

**Potential Insurance Savings...** The shingles in this catalog pass the UL 2218 Class 4 Impact-Resistance Test, and may qualify for insurance discounts.<sup>1</sup>

**Excellent Wind Performance...** Meets Class F wind rating from Underwriters Laboratories — the highest wind rating possible. Dura Grip™ Adhesive seals each shingle tightly and reduces the risk of shingle blow-off. Shingles warranted to withstand maximum wind gusts of up to 130 mph (209 km/h)!<sup>2</sup>

**High Performance...** Designed with Advanced Protection® Shingle Technology, which reduces the use of natural resources while providing excellent protection (visit [gaf.com/APS/](http://gaf.com/APS/) to learn more).

**StainGuard® Protection...** Helps ensure the beauty of your roof against unsightly blue-green algae.<sup>3</sup>

**Peace Of Mind...** Lifetime Ltd. transferable warranty with Smart Choice® Protection (non-prorated material and installation labor coverage) for the first ten years.<sup>4</sup>

**Ridge Cap Shingles...** Use our Seal-A-Ridge® ArmorShield™ SBS Modified IR Ridge Cap Shingles. They're a unique color match to GAF ArmorShield™ Series Shingles.

Note: Always use complementary-color GAF StarterMatch™ Starter Strip Shingles when installing Grand Sequoia® ArmorShield™ SBS Modified IR Shingles for the best look.

<sup>1</sup>Insurance discounts may not be available in your area. Where available, insurance discounts may vary. Contact your insurance provider for information.

<sup>2</sup>This wind speed coverage requires special installation; see *GAF Shingle & Accessory Ltd. Warranty* for details.

<sup>3</sup>See *GAF Shingle & Accessory Ltd. Warranty* for complete coverage and restrictions.

<sup>4</sup>See *GAF Shingle & Accessory Ltd. Warranty* for complete coverage and restrictions. The word "Lifetime" refers to the length of coverage provided by the *GAF Shingle & Accessory Ltd. 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 are installed. For owners/structures not meeting the above criteria, Lifetime coverage is not applicable.



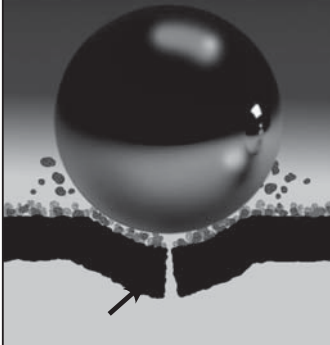


## GAF ArmorShield™ Series Shingles meet the highest impact-resistance rating...

### UL 2218 Class 4 Impact-Resistance Test

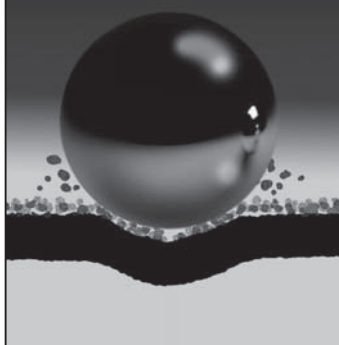
#### RESULTS ON A STANDARD SHINGLE...

it often has ruptures or cracks visible on the front or back of shingle immediately after impact



#### RESULTS ON A CLASS 4 SHINGLE...

no evidence of tears, cracks, or ruptures on front or back of shingle after impact



## What you should also know about the UL 2218 impact-resistance test:

- Forceful Impact... The test evaluates the shingles' ability to withstand high-velocity impact.
- Potential Leaks... When subject to high impact, shingles that pass this test are more likely to prevent leaks into your home.
- No Warranty Enhancement... Shingle warranties do not cover hail damage (even for shingles that pass this test).

## SBS Modified Asphalt Is The Key To ArmorShield™ Shingle Performance

Polymer modified asphalt (SBS) technology helps protect your home from extreme weather!



Polymer modification makes asphalt more durable, rubber-like, and super-flexible — to help reduce stress when impacted. When this material is used to make roofing shingles, it results in a shingle with **excellent flexibility** and **durability**, plus increased **impact resistance**.

In fact, in recent testing by the Insurance Institute for Business & Home Safety (IBHS), they concluded:

Polymer modified IR shingles performed better than traditional IR shingles (about **20% to 50% improvement**) for all four steel ball impact classes. This was most noticeable at the larger steel ball sizes (1.50 – 2.0 in.) where the polymer modified shingles performed at least **40 percent better than the traditional IR shingles**.

So before you decide on which IR shingle to install on your home, make sure to ask the question: Does it have SBS?





*TIMBERLINE*  
**ARMORSHIELD™ II**  
SBS MODIFIED IR SHINGLES



*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.*







Slate





## Timberline® ArmorShield™ II SBS Modified IR Shingles offer the protection of a UL 2218 Class 4-rated shingle with the beauty of a Timberline® Shingle — all in one!

Timberline® ArmorShield™ II SBS Modified IR Shingles combine all the beauty of Timberline® (North America's #1-selling shingle) with UL 2218 Class 4 impact resistance. Their beauty is unlike any other, thanks to our proprietary shadow bands. Each shadow band is applied using a sophisticated, computer-controlled "feathering" technique. When combined with our randomly blended top layer, it results in a shingle with exceptional depth and dimension — and a striking look unmatched by any other brand.

But don't just take our word for it. See for yourself. When you compare Timberline® ArmorShield™ II SBS Modified IR Shingles to typical architectural shingles, it's easy to see why they'll look sharper and more beautiful on your roof — while enhancing the resale value of your home.

Not available in Canada.



**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.







**Hickory**

NEW COLOR



**Pewter Gray**

NEW COLOR



**GAF** TIMBERLINE **ARMORSHIELD™ II**  
SBS MODIFIED IR SHINGLES

## Install To Protect.

When you install GAF Timberline® ArmorShield™ II SBS Modified IR Shingles with **Advanced Protection®** Shingle Technology, you're getting the very best combination of weight and performance that modern manufacturing technology can deliver. In fact, you won't find a shingle that surpasses Timberline® on:

- ✓ Toughness
- ✓ Wind uplift resistance
- ✓ Flexibility
- ✓ Fire resistance



That's why every Timberline® ArmorShield™ II SBS Modified IR Shingle comes with GAF's transferable Lifetime Ltd. warranty\* — for your peace of mind! — plus the backing of the Good Housekeeping Seal.\*\*



\*See GAF Shingle & Accessory Ltd. Warranty for complete coverage and restrictions. The word "Lifetime" refers to the length of coverage provided by the GAF Shingle & Accessory Ltd. 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 are installed. For owners/structures not meeting the above criteria, Lifetime coverage is not applicable.

\*\*Timberline® ArmorShield™ II SBS Modified IR Shingles have earned the prestigious Good Housekeeping Seal, which means that Good Housekeeping stands behind these products. (Refer to Good Housekeeping Magazine for its consumer protection policy. Applicable in U.S. only.)



**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.







**Shakewood**  
NEW COLOR



**Barkwood**



## Unique Specifications

### Timberline® ArmorShield™ II SBS Modified IR Shingles

- Passes UL 2218 Impact-Resistance Test with Class 4 rating (highest possible)
- SBS modified asphalt formula for flexibility and impact resistance
- Lifetime ltd. transferable warranty<sup>1</sup>
- Fiberglass asphalt construction
- Size: 13 1/4" x 39 3/8" with 5 5/8" exposure
- StainGuard® protection<sup>2</sup>
- UL Listed to ANSI/UL 790 Class A
- Florida Building Code approved
- ICC approved
- Texas Department of Insurance listed
- Classified in accordance with AC438
- ASTM D7158, Class H
- ASTM D3018 Type 1
- ASTM D3161 Type 1, Class F
- ASTM D3462<sup>3</sup>
- Approx. 64 pieces/square\*  
 3 bundles/square\*  
 256 nails/square\*

\*1 square = 100 sq. ft. (9.3 m<sup>2</sup>)

### Seal-A-Ridge® ArmorShield™ SBS Modified IR Ridge Cap Shingles

- Passes UL 2218 Impact-Resistance Test with Class 4 rating (highest possible)
- SBS modified asphalt formula
- Lifetime ltd. transferable warranty<sup>1</sup>
- Fiberglass asphalt construction
- 5" (127 mm) exposure
- Approx. 12" (305 mm) wide
- StainGuard® protection<sup>2</sup>
- UL Listed to ANSI/UL 790 Class A
- Florida Building Code approved
- ICC approved
- 4 bundles cover approximately 100 lineal feet (30.5 m)
- Approx. 2 nails per piece
- Approx. 60 pieces/bundle



Not available in Canada.

<sup>1</sup> See *GAF Shingle & Accessory Ltd. Warranty* for complete coverage and restrictions. The word "Lifetime" refers to the length of coverage provided by the *GAF Shingle & Accessory Ltd. 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 ltd. warranty on accessories requires the use of at least three qualifying GAF accessories and the use of Lifetime Shingles.

<sup>2</sup> See *GAF Shingle & Accessory Ltd. Warranty* for complete coverage and restrictions.

<sup>3</sup> Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.



**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.







**Charcoal**



**Weathered Wood**



**Grand Sequoia®  
ArmorShield™  
SBS Modified IR Shingles  
combine the look of  
rugged wood shakes  
with the protection  
of a UL 2218  
Class 4-rated shingle!**

For a rugged wood-shake look, consider Grand Sequoia® ArmorShield™ SBS Modified IR Shingles. They're a fraction of the cost of traditional slate or wood shakes, and they pass UL 2218 Class 4 Impact-Resistance Testing.

Grand Sequoia® ArmorShield™ SBS Modified IR Shingles feature artisan-crafted shapes combined with oversized tabs and a dimensional design, resulting in a sophisticated beauty unmatched by typical shingles. Their specially formulated color palette is designed to accentuate the shingle's natural appeal.



*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.*







**Weathered Wood**



**Charcoal**



## Unique Specifications

### Grand Sequoia® ArmorShield™ SBS Modified IR Shingles

- Passes UL 2218 Impact-Resistance Test with Class 4 rating (highest possible)
  - SBS modified asphalt formula and an added fiberglass backing for impact resistance
  - Lifetime ltd. transferable warranty<sup>1</sup>
  - Fiberglass asphalt construction
  - Size: 17" (432 mm) x 40" (1,016 mm) with 5" (127 mm) exposure
  - StainGuard® protection<sup>2</sup>
  - UL Listed to ANSI/UL 790 Class A
  - Florida Building Code approved
  - ICC approved
  - Texas Department of Insurance listed
  - Classified in accordance with AC438
  - ASTM D7158, Class H
  - ASTM D3018 Type 1
  - ASTM D3161 Type 1, Class F
  - ASTM D3462<sup>3</sup>
  - Approx. 72 pieces/square\*  
4 bundles/square\*  
360 nails/square\*
- \*1 square = 100 sq. ft. (9.3 m<sup>2</sup>)

### Seal-A-Ridge® ArmorShield™ SBS Modified IR Ridge Cap Shingles

- Passes UL 2218 Impact-Resistance Test with Class 4 rating (highest possible)
- SBS modified asphalt formula
- Lifetime ltd. transferable warranty<sup>1</sup>
- Fiberglass asphalt construction
- 5" (127 mm) exposure
- Approx. 12" (305 mm) wide
- StainGuard® protection<sup>2</sup>
- UL Listed to ANSI/UL 790 Class A
- Florida Building Code approved
- ICC approved
- 4 bundles cover approximately 100 lineal feet (30.5 m)
- Approx. 2 nails per piece
- Approx. 60 pieces/bundle



<sup>1</sup> See *GAF Shingle & Accessory Ltd. Warranty* for complete coverage and restrictions. The word "Lifetime" refers to the length of coverage provided by the *GAF Shingle & Accessory Ltd. 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 ltd. warranty on accessories requires the use of at least three qualifying GAF accessories and the use of Lifetime Shingles.

<sup>2</sup> See *GAF Shingle & Accessory Ltd. Warranty* for complete coverage and restrictions.

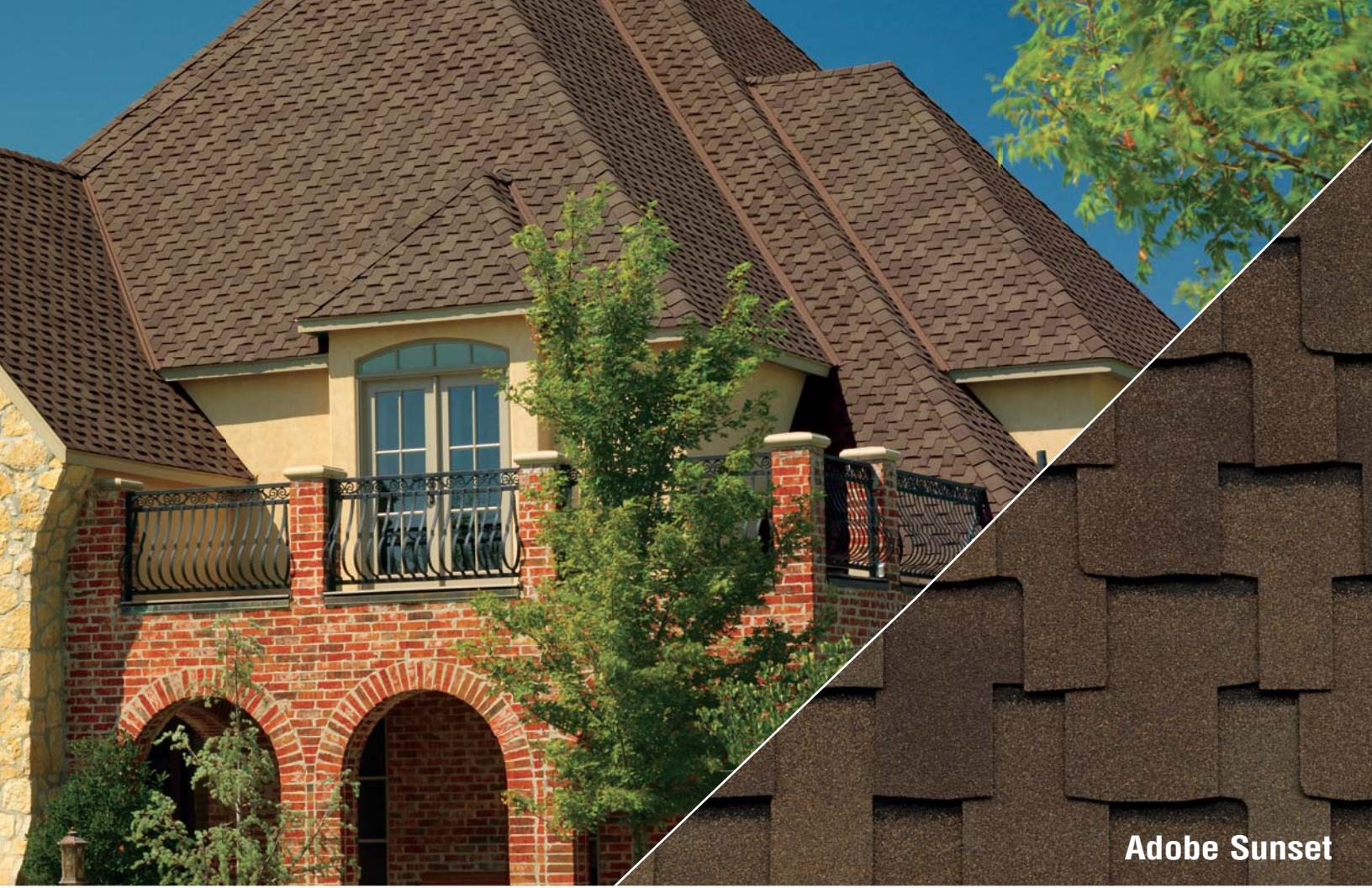
<sup>3</sup> Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.



**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.







**Adobe Sunset**



**Dusky Gray**





Also Available

## Glenwood® Shingles offer authentic beauty & formidable protection.

Due to their robust triple-layer design, Glenwood® Shingles also pass the UL 2218 Class 4 Impact Resistance Test.

When it came to creating the industry's most authentic wood shake-look shingle, we broke the mold.

Glenwood® Shingles feature a triple-layer design that will give your roof the ultra-dimensional, highly desirable look of authentic hand-cut wood shakes.

No other triple-layer asphalt shingle matches the thickness of Glenwood® Shingles. Distinguish your home with a premium wood-shake look that carries a UL Class A fire rating and offers lower maintenance when compared to traditional untreated wood shakes.

With their ultra thickness and staggered exposure, Glenwood® Shingles' industry-leading triple-layer construction provides maximum dimensionality and extra protection.

**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.







**Chelsea Gray**



**Weathered Wood**



**Adobe Clay**





## Unique Specifications

### Glenwood® Shingles

- Passes UL 2218 Impact-Resistance Test with Class 4 rating (highest possible)
- Lifetime ltd. transferable warranty<sup>1</sup>
- Fiberglass asphalt construction
- Size: 12 1/4" x 36 5/16" (311 x 922 mm) with 4 1/2" (114 mm) exposure
- StainGuard® protection<sup>2</sup>
- UL Listed to ANSI/UL 790 Class A
- Miami-Dade County Product Control approved
- Florida Building Code approved
- ICC approved
- Texas Department of Insurance listed
- Classified in accordance with AC438
- ASTM D7158, Class H
- ASTM D3018 Type 1
- ASTM D3161 Type 1, Class F
- ASTM D3462<sup>3</sup>
- Approx. 90 pieces/square  
9 bundles/square  
360 nails/square

\*1 square = 100 sq. ft. (9.3 m<sup>2</sup>)

**Note:** Do not install Glenwood® Shingles on roofs with slopes of 2:12; doing so will void the applicable warranty. Glenwood® Shingles installed on roofs with slopes of 3:12 to 4:12 require special installation in order to qualify for warranty coverage. Please visit [gaf.com](http://gaf.com).

<sup>1</sup> See *GAF Shingle & Accessory Ltd. Warranty* for complete coverage and restrictions. The word "Lifetime" refers to the length of coverage provided by the *GAF Shingle & Accessory Ltd. 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 Ltd. warranty on accessories requires the use of at least three qualifying GAF accessories and the use of Lifetime Shingles.

<sup>2</sup> See *GAF Shingle & Accessory Ltd. Warranty* for complete coverage and restrictions.

<sup>3</sup> Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.

**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.







**Autumn Harvest**



**Dusky Gray**



**Golden Prairie**





# More Than Just Coverage On Your Shingles!

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

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

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

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!\*

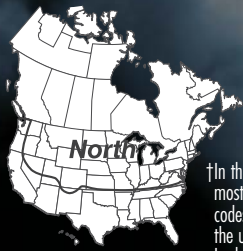
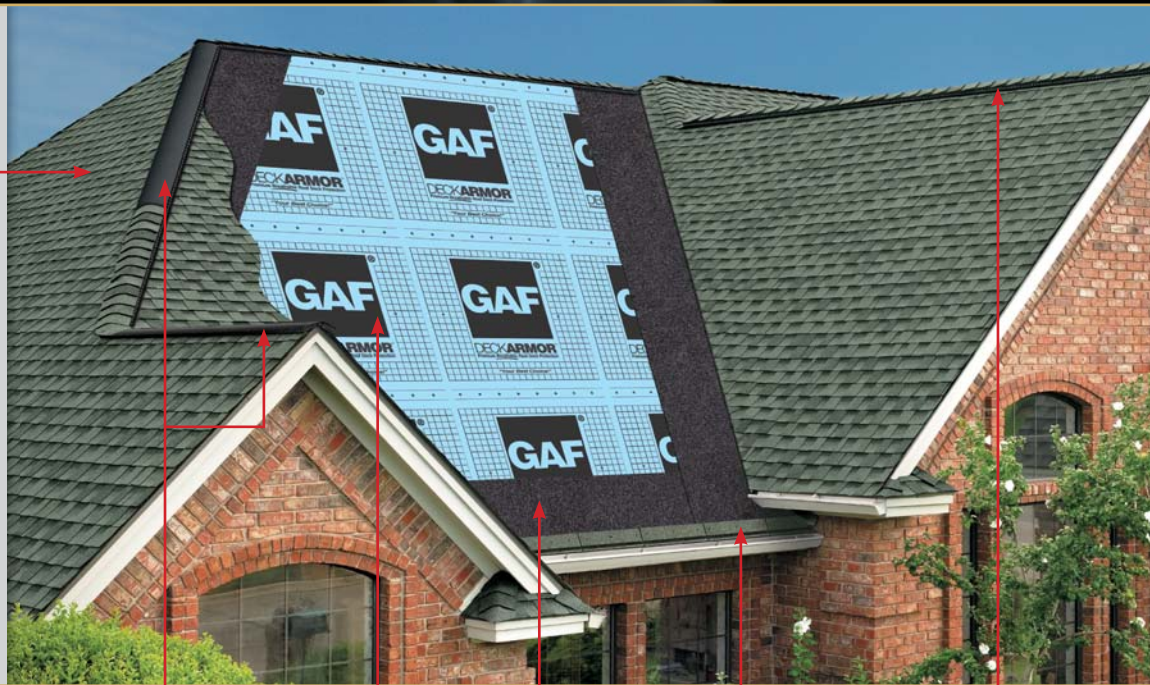


### LIFETIME SHINGLES

GAF offers you many great Lifetime Shingle choices, including **Timberline®** Shingles with Advanced Protection® Shingle Technology. They're the #1-selling shingles in North America!

Advanced Protection® Shingle Technology results in excellent protection for your home while reducing the use of precious natural resources. That's better for your home — and better for the environment!

To learn more about why Advanced Protection® Shingles are your best choice, visit [gaf.com/APS/](http://gaf.com/APS/).



\*In the North, most building codes require the use of Leak Barrier at the eaves.



#### Cobra® Attic Ventilation

Helps remove excess heat and moisture from your attic to promote energy efficiency in your home and help extend the life of your roof.



#### Roof Deck Protection

Provides a strong layer of protection against wind-driven rain and moisture infiltration.



#### Leak Barrier

Provides excellent protection against leaks caused by roof settling and extreme weather. Ideal upgrade at all vulnerable areas (including at the North!).



#### Starter Strip Shingles

Saves time, eliminates waste, and helps reduce risk of shingle blow-off... and may help qualify for upgraded wind warranty coverage (see *GAF Shingle & Accessory Ltd. Warranty* for details).



#### Ridge Cap Shingles

Enhances the beauty of your home while helping guard against leaks at the hips and ridges.



\*See *GAF Shingle & Accessory Ltd. Warranty* for complete coverage and restrictions. The word "Lifetime" refers to the length of coverage provided by the *GAF Shingle & Accessory Ltd. 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 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.)

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