

# Sustainably Designed, High Performance Roofing Shingles

Rubberized Asphalt Technology, Upcycled Tires & Plastics, Pollution-Reducing Granules

## NEX® RUBBERIZED ASPHALT

Asphalt core of shingle is rubberized with virgin synthetic rubber polymers (SBS) to enhance shingle strength, flexibility, and aging resistance. **Up to Class 4 impact rating [highest rating possible]. Insurance discounts may apply.**

## UPCYCLED RUBBER & PLASTIC

Polymers from recycled rubber and plastic improve shingle durability and aging resistance, while **diverting the equivalent of ~5 rubber tires and ~3,200 plastic bags from the landfill per roof.**<sup>1</sup>

## MORE ADHESIVE BONDS

Synthetic rubber adhesive (SEBS) resists dry-out and delivers extreme seal-down strength against high winds, wind-driven rain, and delamination. **Up to 50% more laminate bonds and 2X the rain seals of standard shingles.**

## THE ZONE® LARGER NAILING AREA

**Up to 2X larger nailing area**, with longer and tapered shingle backing, dramatically improves installation accuracy, helps ensure nails secure BOTH shingle layers to help prevent blowoffs, and reduces the risk of leaks from troughing. **Up to 130 MPH wind warranty.**

## FIBERGLASS MAT

Provides structural reinforcement, and combined with polymer modified asphalt, **up to 35% greater tear strength than the industry standard [ASTM D3462].**

## 3M™ ROOFING GRANULES

Deeply embedded, ceramic-coated granules protect shingle from weather and UV aging. **Up to 65% greater granule adhesion than the industry standard [ASTM D3462].**

## 3M™ SMOG-REDUCING GRANULES

Clean the air of emission pollutants. **Each roof has the smog-fighting potential of ~2 trees.**<sup>2</sup>

## 3M™ COPPER GRANULES

Reduce black streaks caused by algae growth. **Up to a Limited Lifetime Algae Warranty** (only on Legacy® shingle line).

 **Malarkey Industry Firsts**

## Architectural Shingle Lines Comparison Chart

### Rubberized Asphalt Technology

**Impact Rating** [Class 4 highest]

**Fire Rating** [Class A highest]

**Tear Strength\***

**Granule Adhesion\***

**Thickness**

**Sustainability** (assumes roof of 30 squares)

~Upcycled Tires

~Upcycled Plastic Bags

~'Planted' Trees<sup>2</sup>

**Warranties\*:**

**Shingle Warranty**

Non-Prorated Period [years]

**Algae Warranty**

**Standard Wind Warranty** [mph / kph / years]

**Enhanced Wind Warranty** [mph / kph / years]

### GOOD

Highlander®

NEX®

Class 3

Class A

+10%

+65%

4

2,900

2

Limited Lifetime

10

NA

110 / 177 / 15

130 / 209 / 15

### BETTER

Vista®

NEX®

Class 4

Class A

+25%

+65%

+10%

5

3,200

2

Limited Lifetime

15

NA

110 / 177 / 15

130 / 209 / 15

### BEST

Legacy® Scotchgard™ Protector

NEX®

Class 4

Class A

+35%

+65%

+19%

6

4,000

2

Limited Lifetime

20

Limited Lifetime\*\*

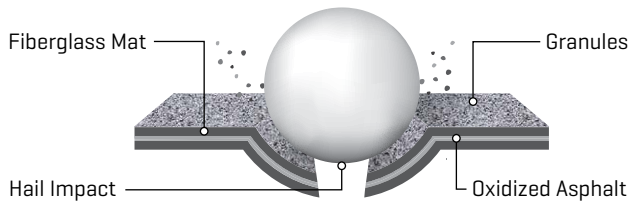
110 / 177 / 15

130 / 209 / 15

\*Versus standard shingles, as measured per ASTM D3462. \*\*Included on shingles with Scotchgard™ Protector from 3M.

## STANDARD SHINGLES - BRITTLE IMPACT RESISTANCE

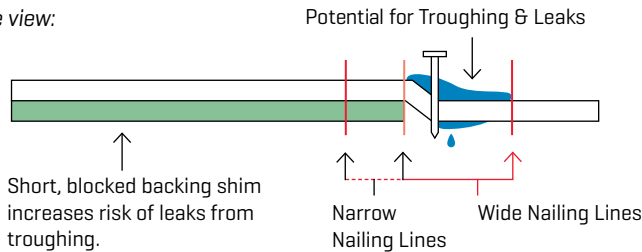
Standard shingles are made of hard, brittle, oxidized asphalt, more likely to fracture, tear, and lose granules from hail impact.



## STANDARD SHINGLES 'LARGER' NAILING AREA

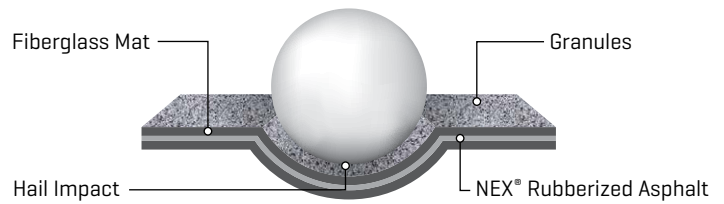
Standard shingles tend to have a smaller nailing area that's hard to hit, or a 'false' larger nailing area with wider nailing lines on the top of the shingle, but a short backing shim, so nails that hit high *within* the lines still fail to secure the back shingle layer.

Side view:



## MALARKEY SHINGLES - RUBBERIZED IMPACT RESISTANCE

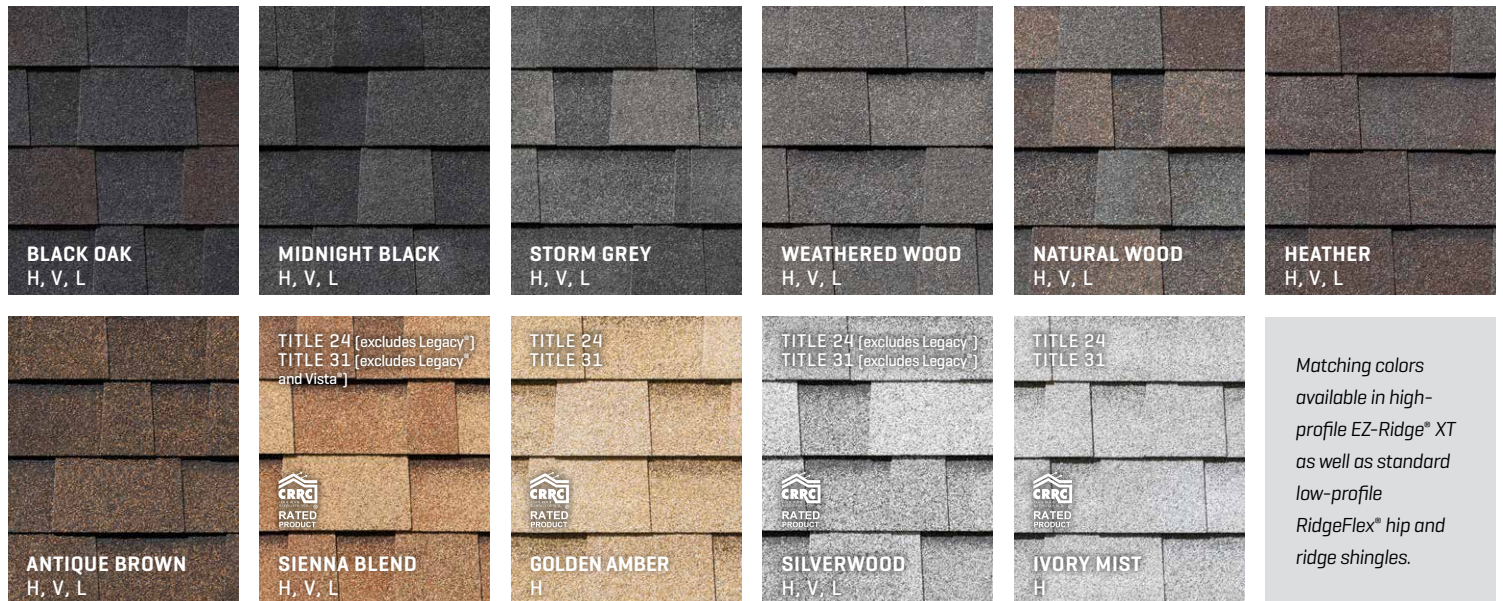
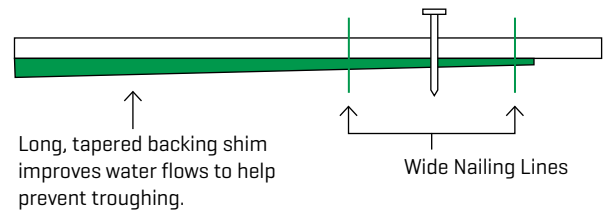
Malarkey shingles are made with our patented NEX® polymer modified (rubberized) asphalt, more rubberlike to better grip granules and better absorb and deflect hail impact without damage.



## MALARKEY SHINGLES LARGER NAILING AREA

Wider nailing lines create a bigger nailing target, while a longer backing shim, helps ensure nails also secure the bottom shingle layer – critical to helping prevent uplift and blow-offs.

Side view:



Distributed from South Gate, CA [color availability]: [H] Highlander® [V] Vista®  
 Scotchgard™ Protector Lines include: [L] Legacy® Scotchgard™ Protector

<sup>1</sup> Assumes roof of 30 squares using Vista® shingles.

<sup>2</sup> Assumes roof of 30 squares. Source: Lawrence Berkeley National Laboratory and 3M.

**TEST COMPLIANCE:** All Shingles - ASTM D7158 Class H, ASTM D3462, ASTM D3161 Class F, ASTM D3018 Type I, ASTM E108 Class A Fire Rating, CSA A123.5, ICC Approval - ESR-3150, and ICC-ES AC408. UL 2218 Class 4 (Legacy® and Vista® lines) and UL 2218 Class 3 (Highlander® line). CRRC-rated colors can be used to comply with California Energy Code (CEC) Title 24, Part 6 Cool Roof Requirements (Highlander® Golden Amber, Ivory Mist, Sienna Blend, and Silverwood, and Vista® Sienna Blend and Silverwood). Highlander® Golden Amber, Ivory Mist, Sienna Blend, and Silverwood, and Vista® Silverwood shingles can also be used to comply with Los Angeles County, California Title 31 Cool Roof Requirements.

**DISCLAIMER:** Photographs of shingles may not accurately represent their true color or the variations of color blends that will appear on the roof. **Before installation, five or six shingles should be laid out and reviewed for desired color.** Colors and specifications subject to change without notice. Shingle colors not available in all regions or product lines. Scotchgard is a trademark of 3M.

+ For complete information on all warranties, including 'Your Choice' Warranty and the Right Start™ non-prorated period against manufacturing defects, please reference **Malarkey's Shingle and Accessory Warranty** available at [www.malarkeyroofing.com/warranties](http://www.malarkeyroofing.com/warranties).



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

This version supersedes all previous versions.  
 Rev. 04/24

MEETS CSA A123.5  
 STANDARDS

MADE IN USA

