



Shown in Black Dusk

**QUICK SPECS**

Impact Rating	Class 3
Shingle Warranty*	Limited Lifetime
Non-Prorated Period	10 Years
Limited Wind Warranty	110 MPH
Enhanced Wind Warranty	130 MPH



**Sustainable Performance™**

*Superior Performance & Better for the Environment*

**CRAFTSMANSHIP**

- Up to 2X Larger Nailing Area
- Up to 50% More Adhesive Bonds
- 2X Rain Seals

**PERFORMANCE**

- Up to 10% Greater Tear Strength
- Up to 65% Greater Granule Adhesion
- Class 3 Impact Rating

**SUSTAINABILITY  
[PER ROOF]**

- Upcycles ~4 Rubber Tires
- Upcycles ~2,900 Plastic Bags
- Cleans Smog Pollution like ~2 Trees

# Solar Reflective Shingles

## Architectural Shingles – Aging and Impact Resistant

Ecoasis® & Highlander® shingles are made with our patented **NEX® Polymer Modified [SBS Rubberized] Asphalt**, an innovative technology that infuses rubber and plastic polymers to strengthen the asphalt core of the shingle for superior impact resistance, granule adhesion, all-weather resilience, and aging longevity.

**Ecoasis® & Highlander® shingles are also sustainable.** Upcycled polymers from used tires and plastic bags improve durability and aging resistance, while helping reduce landfill waste. And smog-reducing granules help clean the air of emission pollutants, like planting trees on your roof.

*Sustainability without sacrificing performance.*

## BEST IN CLASS

Malarkey's Ecoasis® & Highlander® shingles are **Best In Class** – made with the **industry's leading technology** [NEX® SBS rubberized asphalt], **second-highest impact rating** [Class 3], **strongest sustainability** [aging longevity, upcycled rubber & plastic, smog-reducing granules], and **superior warranty protection** for peace of mind.

## Color Options

See shingle colors on a roof, or your roof, at [www.malarkeyroofing.com/roof-designer](http://www.malarkeyroofing.com/roof-designer).

Colors available by shingle line:  
Ecoasis [E] Highlander [H]

 TITLE 24 CRRG RATED PRODUCT BLACK DUSK [E] 0850-0071	 TITLE 24 CRRG RATED PRODUCT COASTAL GREY [E] 0850-0068	 TITLE 24 TITLE 31 CRRG RATED PRODUCT SILVERWOOD [H] 0850-0065	 TITLE 24 TITLE 31 CRRG RATED PRODUCT IVORY MIST [H] 0850-0055	 TITLE 24 TITLE 31 CRRG RATED PRODUCT GOLDEN AMBER [H] 0850-0024	 TITLE 24 TITLE 31 CRRG RATED PRODUCT SIENNA BLEND [H] 0850-0025																																																	
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**Note:** CRRC-rated colors can be used to comply with California Energy Code [CEC] Title 24, Part 6 Cool Roof Requirements. Colors with an SRI of 20 or greater can also be used to comply with Los Angeles County, California Title 31 Cool Roof Requirements.

<sup>1</sup>Results are CRRC listings unless marked otherwise. \*Solar reflectance data calculated using the California Energy Commission SRI Calculation Worksheet.

## Performance Engineered, Sustainably Designed

### NEX® RUBBERIZED ASPHALT

Asphalt core of shingle is rubberized with virgin synthetic rubber polymers (SBS) to enhance shingle strength, flexibility, and aging resistance. **Class 3 impact rating (second-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 ~4 rubber tires and ~2,900 plastic bags from the landfill per roof.**<sup>1</sup>

### 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 10% 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>

**Malarkey Industry Firsts**



<sup>1</sup> Assumes roof of 30 squares.

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

**Test Compliance** – ASTM D7158 Class H, ASTM D3462, ASTM D3161 Class F, ASTM D3018 Type I, ASTM E108 Class A Fire Rating, UL 2218 Class 3, CSA A123.5, ICC Approval – ESR-3150, and ICC-ES AC438. CRRC-rated colors can be used to comply with California Energy Code (CEC) Title 24, Part 6 Cool Roof Requirements (Ecoasis® Black Dusk, Coastal Grey, Desert Brush, and Pacific Drift, and Highlander® Golden Amber, Ivory Mist, Sienna Blend, and Silverwood). Highlander® Golden Amber, Ivory Mist, Sienna Blend, and 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.

+ For complete warranty information, please reference Malarkey's **Shingle and Accessory Warranty** available at [www.malarkeyroofing.com/warranties](http://www.malarkeyroofing.com/warranties).

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

[www.malarkeyroofing.com](http://www.malarkeyroofing.com)  
800-545-1191  
Made in South Gate, CA

