

QUICK SPECS

Impact Rating	Class 3
Shingle Warranty*	Limited Lifetime
Non-Prorated Period	10 Years
Algae Warranty	10 Years
Limited Wind Warranty	110 MPH / 177 KPH
Enhanced Wind Warranty	130 MPH / 209 KPH



Shown in Natural Wood

Highlander® AR

Architectural Shingles – Aging, Algae, and Impact Resistant

Highlander® AR [algae resistant] 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.

Highlander® AR 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.

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

CIRCULAR SUSTAINABILITY (PER ROOF)

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

BEST IN CLASS

Malarkey's Highlander® AR 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.



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.**¹

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, 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** (209 KPH).

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.**²

3M™ COPPER GRANULES

Reduce black streaks caused by algae growth. **10-year algae warranty.**

Malarkey Industry Firsts



Improving Our Climate

3M™ Smog-Reducing Granules



MEETS CSA A123.5 STANDARDS

¹ Assumes roof of 30 squares.

² 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.

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.

This version supersedes all previous versions. Rev. 03/23
LIT242-FLY-OR-CAN

www.malarkeyroofing.com
800-545-1191
Made in Portland, OR

