



Windsor® Scotchgard™ Protector

Designer Shingles - Algae & Impact Resistant

Windsor® Scotchgard™ Protector shingles are made with our industry-leading **NEX® Polymer Modified (Rubberized) Asphalt**, an innovative technology that uses rubber polymers to strengthen and rubberize the asphalt core of the shingle for superior all-weather resilience, durability, and impact resistance.

Windsor® shingles are also sustainable. They include *upcycled* polymers from used tires and plastic bags, and smog-reducing granules that help clean the air.

Sustainability without sacrificing performance.

QUICK SPECS*

Impact Rating	Class 4
Shingle Warranty	Limited Lifetime
Non-prorated Period	15 Years
Algae Warranty	Limited Lifetime
Limited Wind Warranty	110 MPH / 177 KPH
Enhanced Wind Warranty	140 MPH / 225 KPH

WHAT OTHERS SAY

“Not all Class 4 shingles are created equal. We only install roofing systems that score at the top of their class. Malarkey’s Windsor shingle scores at the top in asphalt Class 4 shingles.”

– Assurance Exteriors, Oklahoma



MADE BETTER

Up to 40% Greater Exposure
Up to 50% More Adhesive Bonds
2x Rain Seals

LAST LONGER

Up to 40% Greater Tear Strength
Up to 65% Greater Granule Adhesion
Class 4 Impact Rating

MORE SUSTAINABLE (PER ROOF)

Upcycles ~7 Rubber Tires
Upcycles ~7,100 Plastic Bags
Cleans Air Pollution like ~2 Trees

Color Options

See shingle colors on a roof, or your roof, at www.malarkeyroofing.com/roof-designer.



BLACK OAK



MIDNIGHT BLACK



STORM GREY



WEATHERED WOOD



NATURAL WOOD



HEATHER



ANTIQUE BROWN

Note: Matching colors available in high-profile EZ-Ridge™ and EZ-Ridge™ XT as well as standard low-profile RidgeFlex™ hip and ridge shingles.

Performance Engineered, Sustainably Designed

Improving Our Climate
3M™ Smog-Reducing Granules

NEX® RUBBERIZED ASPHALT

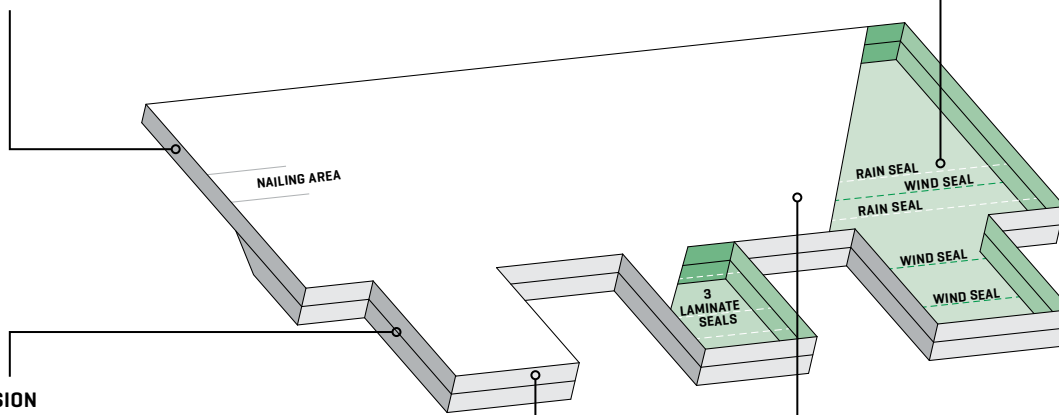
Asphalt core of shingle is rubberized with synthetic rubber polymers (SBS) to enhance shingle strength, flexibility, and resilience. Class 4 impact rating. *Insurance discounts may apply.*

UPCYCLED RUBBER & PLASTIC

Polymers from recycled rubber and plastic improve shingle durability while diverting the equivalent of ~7 rubber tires and ~7,100 plastic bags from the landfill per roof.¹

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 adhesive bonds and 2X the rain seals of standard shingles.



ROOF DIMENSION

Up to 40% greater exposure than comparable designer shingles, and up to 22% greater thickness than standard architectural shingles for enhanced roof dimension and street appeal.

FIBERGLASS MAT

Provides structural reinforcement. Up to 40% greater tear strength than the industry standard [ASTM D3462].

3M™ ROOFING GRANULES

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. Limited Lifetime algae warranty.



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 4, CSA A123.5, ICC Approval – ESR-3150, ICC-ES AC438 and FBC Approval – #14809.

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. Scotchgard and Scotchgard Protector, including the 3M logo, are all trademarks of 3M.

For complete information on all warranties, please reference Malarkey's **Shingle and Accessory Warranty** available at www.malarkeyroofing.com/warranties.

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

This version supersedes all previous versions.
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