HIGHLANDER[®] Laminated Architectural Shingles



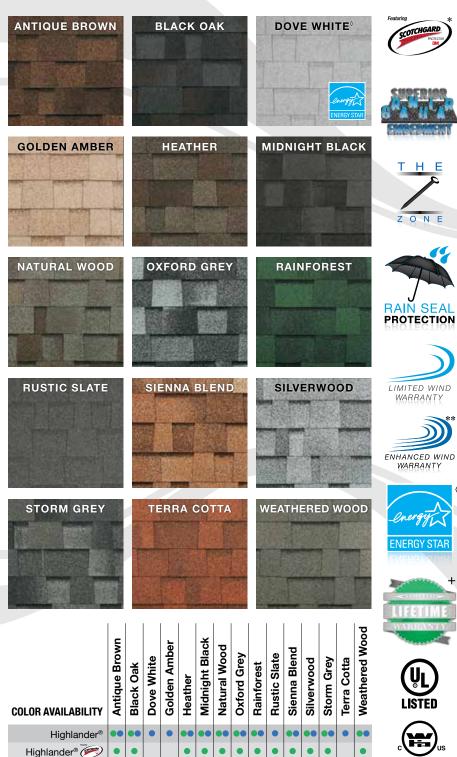
Shown in: Natural Wood

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HIGHLANDER® & HIGHLANDER SCOTCHGARD



SCOTCHGARD[™] PROTECTION FROM 3M

Algae growth on a roof can cause black streaks, which can alter the color of your roof and make it appear aged. Shingles with Scotchgard[™] Protector help maintain the aesthetic appearance of your roof by resisting black streaks caused by algae, which may reduce the need to clean your roof. Shingles with $Scotchgard^{{}^{\rm TM}} Protector\ include\ a\ 20\ year\ warranty.$



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SUPERIOR GRANULAR EMBEDMENT

Malarkey's quality control combined with exceptional materials ensures superior granule adhesion and durability to protect your investment.

THE ZONE®

One of the most critical aspects of a successful roofing project is correct installation. Improper fastener placement is the leading cause of incorrect shingle installation and can subsequently void the warranty. Malarkey laminate shingles are manufactured with The Zone® patented nailing area, which is over three times larger than other laminate shingles and dramatically improves correct fastener placement.



DOUBLE RAIN SEAL PROTECTION

A rain seal helps hold shingles in place during high winds and protects against wind-blown rain entering beneath the shingles. Malarkey laminate shingles are manufactured with an extra line of defense in the critical area for laminated shingles, with double SEBS asphalt rain seals. Malarkey's SEBS asphalt has adhesive properties to join the shingle together and cohesive properties to prevent it from separating. SEBS is also flexible down to $0^{\circ}F$ (-18°C), ensuring the rain seal remains intact through freeze and thaw cycles.

LIMITED WIND WARRANTY

Highlander® shingles come with a 110 mph (177 kph) Limited Wind Warranty.



Highlander[®] shingles are eligible for a 130 mph (209 kph) Enhanced Wind Warranty when Malarkey's Smart Start[™] shingles are installed, shingles are 6-nailed, and one or more of Malarkey's supporting products – Arctic Seal[®], Right Start[™] UDL, SecureStart[™], EZ-Ridge[™] (8", 10") or Hip & Ridge Strips (10", 12") - are used.

SOLAR REFLECTIVE SHINGLES

Dove White shingles reflect solar rays, which may reduce the amount of heat entering your home and can result in lower attic temperatures compared to standard shingle colors.

FEATURING

- Limited Lifetime Shingle Warranty
- 10-year Right Start[™] Warranty.

TEST COMPLIANCE

- ASTM D7158 Class H
- ASTM D3161 Class F
- ASTM E108 Class A Fire Rating
- ICC Approval ESR 3150
- ASTM D3462
- - CSA A123.5
 - FBC Approval #14809



DISCLAIMER: Sample pieces or photographs of shingles may not accurately represent the true color or variations of color blends that will

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appear on the roof. Before installation, five or six shingles should be laid out and reviewed for conformity to desired color level. If color levels are unsatisfactory, advise your dealer before proceeding with installation. Colors and specifications subject to change without notice. Shingle colors not available in all regions. Limited warranties carry terms and conditions. Please contact your local Malarkey representative for color availability and further information. See Malarkey Shingle Warranty for details.

For complete Limited Lifetime warranty details, reference Malarkey's Limited Lifetime Shingle Warranty

* Scotchgard™ Algae Resistant Shingle Protector requires algae resistant EZ-Niga™ (8", 10") or Hip & Ridge Strips (10", 12"), in conjunction with algae resistant shingles, to receive the full 20-year Scotchgard™ Algae Resistant Shingle Protector warranty. The Alaskan® featuring ScotchgardTM can be substituted as hip and ridge shingles, in conjunction with algae resistant shingles, to receive the full 20-year Scotchgard[™] warranty. Scotchgard and the Scotchgard logo, including the plaid design and 3M logo, are all trademarks of 3M

**Some contractors adapt roofing shingles to use as hip and ridge shingles. Use of The Alaskan® as a hip and ridge shingle will apply towards the Enhanced Wind Warranty. Dura-Seal[™] shingles used for hip and ridge will not qualify toward an Enhanced Wind Warranty. ^o ENERGY STAR only applies to Highlander[®] Dove White shingles. ENERGY STAR is only recognized in the United States, not in Canada. This version supersedes all previous versions. Rev. 2/15



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- ASTM D3018 Type I

