# HIGHLANDER® & HIGHLANDER SCOTCHGARD

### LAMINATE SHINGLES



### 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 Protector include a 20-year warranty.



## **DOUBLE RAIN SEAL PROTECTION**



### SUPERIOR GRANULAR EMBEDMENT

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



One of the most critical aspects of a successful roofing project is









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™

## 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°F (-18°C), ensuring the rain seal remains intact through freeze and thaw cycles.

### 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.

### THE ZONE®

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

## LIMITED WIND WARRANTY

Highlander<sup>®</sup> and Highlander<sup>®</sup> featuring Scotchgard<sup>™</sup> shingles come with a 110 mph (177 kph) Limited Wind Warranty.

### **ENHANCED WIND WARRANTY**

Highlander® and Highlander® featuring Scotchgard™ shingles are eligible for a 130 mph (209 kph) Enhanced Wind Warranty when Malarkey's Smart Start<sup>™</sup> 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.

### **TESTING, APPROVALS, & WARRANTY**

•ASTM D3462 ASTM D7158 Class H •ASTM D3018 Type I •ASTM E108 Class A Fire Rating •CSA A123.5 •FBC Approval - #14809 •ICC Approval – ESR 3150

•10-year Right Start<sup>™</sup> Warranty

•LIMITED LIFETIME WARRANTY available

For more information, visit: WWW.MALARKEYROOFING.COM

\*Scotchgard<sup>TM</sup> Algae Resistant Shingle Protector requires algae resistant EZ-Ridge<sup>TM</sup> (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 Scotchgard™ 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. <sup>+</sup>For complete Limited Lifetime warranty details, reference Malarkey's Limited Lifetime Shingle Warranty. \*\*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.

<sup>6</sup>ENERGY STAR only applies to Highlander<sup>®</sup> Dove White shingles. ENERGY STAR is only recognized in the United States, not in Canada.



### HIGH PROFILE



### SUPERIOR DESIGN

Malarkey's EZ-Ridge™ shingles with Flexor™ SBS polymer modified asphalt offer a decorative ridge design with an elevated profile, while maintaining a simple installation process. EZ-Ridge<sup>™</sup> is available in 8" and 10" widths to support an array of ridge vents. Malarkey's EZ-Ridge™ is blended to compliment the roof shingles and feature the Scotchgard™ Algae Resistant Shingle Protector from 3M.

### 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™ Protector



## FLE OR FLEXOR™ SBS POLYMER MODIFIED ASPHALT

Flexor<sup>™</sup> SBS polymer modified asphalt increases the weatherability of shingles through superior granule adhesion and all-weather flexibility. Malarkey blends their Flexor™ SBS polymer modified asphalt at each of their facilities to maintain and control high quality standards.

EZ-Ridge<sup>™</sup> and EZ-Ridge<sup>™</sup> XT shingles are designed to highlight certain hues in the Malarkey shingles and may not always appear to be an exact match to the entire blend of the roof.





### **EXCEPTIONAL PERFORMANCE**

Malarkey's Hip & Ridge Strips with Flexor<sup>™</sup> SBS polymer modified asphalt spond to the demands of a high performance hip and ridge cap for all hingled roofs and are available in 10" and 12" widths to support an array of ridge vents. The perforated strips provide easy installation and a low profile design for a traditional appearance. Malarkey's Hip & Ridge Strips are blended to compliment the shingles and feature the Scotchgard™ Algae Resistant Shingle Protector from 3M.



### 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<sup>™</sup> Protector include a 20-year warranty.



## FLE OR FLEXOR™ SBS POLYMER MODIFIED ASPHALT

hingles through superior granule adhesion and all-weather flexibility. Malarkey blends their Flexor™ SBS polymer modified asphalt at each of their facilities to maintain and control high quality standards.



### **EXTREME WEATHER PROTECTION**

Malarkey's Flexor™ SBS polymer modified asphalt shingles received the UL 2218 Class 4 impact resistance rating, which is the highest rating possible In a Class 4 impact test, Malarkey's Flexor<sup>™</sup> SBS polymer modified shingles withstood a simulation of hailstones impacting a roof at 90 mph (144 kph) without sustaining damage.

Hip & Ridge Strips are designed to highlight certain hues in the Malarkey shingles and may not always appear to be an exact match to the entire blend of the roo

This version supersedes all previous versions. Rev. 2/15



Hip & Ridge Strips

Natural Wood

Malarkey Roofing Products® P.O. Box 17217 Portland, Oregon 97217 WWW.MALARKEYROOFING.COM (800) 545-1191 • F AX: (503) 289-7644

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## SCOTCHGARD™ PROTECTION FROM 3M

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## **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 PROTECTION

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Flexor<sup>™</sup> SBS polymer modified asphalt increases the weatherability of shingles through superior granule adhesion and all-weather flexibility. Malarkey blends their Flexor™ SBS polymer modified asphalt at each of their facilities to maintain and control high quality standards.

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**EXTREME WEATHER PROTECTION** 

impact test, Malarkey's Flexor™ SBS polymer modified shingles withstood a simulation of hailstones impacting a roof at 90 mph (144 kph) without sustaining damage. SUPERIOR GRANULAR EMBEDMENT

Flexor<sup>™</sup> SBS polymer modified asphalt is resilient through temperature cycles, providing greater granule adhesion to the shingle. When granules stay on the shingle, it creates a barrier from the elements and your roof

### ALL-WEATHER FLEXIBILITY

Flexor™ SBS polymer modified asphalt ensures that shingles are flexible in temperatures down to 0°F (-18°C), which is 40 degrees lower than the typical installation of standard asphalt. This cold weather flexibility allows the shingle to be installed in colder temperatures than standard oxidized asphalt shingles without damage to the shingle. Flexor $^{\text{\tiny{TM}}}$  allows the shingle to conform to a variety of roof structures, withstand extreme weather cycles, and be installed in a wider range of climates.



LIMITED WIND WARRANTY

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.

### LIMITED WIND WARRANTY

THE ZONE®

Legacy<sup>®</sup> and Legacy<sup>®</sup> featuring Scotchgard<sup>™</sup> shingles come with a 110 mph (177 kph) Limited Wind Warranty.

### **ENHANCED WIND WARRANTY**

Legacy<sup>®</sup> and Legacy<sup>®</sup> featuring Scotchgard<sup>™</sup> shingles are eligible for a 130 mph (209 kph) Enhanced Wind Warranty when Malarkey's Smart Start<sup>15</sup> shingles are installed, shingles are 6-nailed, and one or more of Malarkey's supporting products – Arctic Seal<sup>®</sup>, Right Start<sup>™</sup> UDL, SecureStart<sup>™</sup>, EZ-Ridge  $^{TM}$  (8", 10") or Hip & Ridge Strips (10", 12") – are used.

### **TESTING, APPROVALS, & WARRANTY** •ASTM D7158 Class H •ASTM D3462

•ASTM D3018 Type I •ASTM E108 Class A Fire Rating •UL 2218 Class 4 •CSA A123.5 •ICC Approval – ESR 3150

•FBC Approval – #14809 •15-year Right Start<sup>™</sup> Warranty

•LIMITED LIFETIME WARRANTY available.

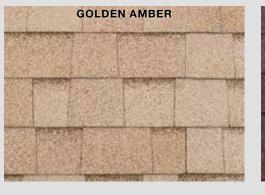
For more information, visit: WWW.MALARKEYROOFING.COM

## AVAILABLE COLORS



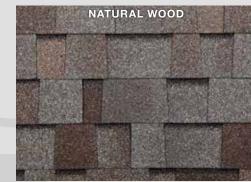












Shown in:

Black Oak















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



## LAMINATE SHINGLES





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### LIMITED WIND WARRANTY

Northwest-XL<sup>™</sup> and Northwest-XL<sup>™</sup> featuring Scotchgard<sup>™</sup> shingles come with a 110 mph (177 kph) Limited Wind Warranty. LIMITED WIND

### **ENHANCED WIND WARRANTY**

Northwest- $XL^{TM}$  and Northwest- $XL^{TM}$  featuring Scotchgard 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<sup>®</sup>, Right Start<sup>™</sup> UDL, SecureStart<sup>™</sup>, EZ-Ridge<sup>™</sup> (8", 10") or Hip & Ridge Strips (10", 12") – are used.

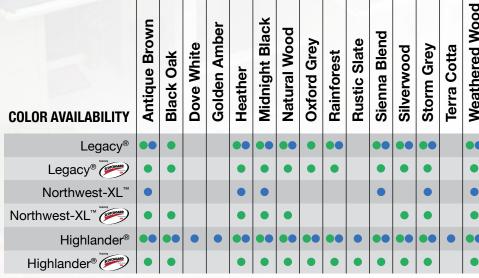
### **TESTING, APPROVALS, & WARRANTY**

•ASTM D7158 Class H •ASTM D3462 •ASTM D3161 Class F •ASTM D3018 Type I •ASTM E108 Class A Fire Rating •CSA A123.5 •FBC Approval - #14809

•ICC Approval – ESR 3150 •12-year Right Start<sup>™</sup> Warranty

•LIMITED LIFETIME WARRANTY available.

For more information, visit: WWW.MALARKEYROOFING.COM



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