

HIGHLANDER-CS™

Revolutionary Laminate Shingle



Shown in:
Antique Brown

 **Malarkey**
Roofing Products™
Defining Excellence.™

WWW.MALARKEYROOFING.COM

HIGHLANDER-CS™ & HIGHLANDER-CS™



SCOTCHGARD™ PROTECTION FROM 3M

Regions that are prone to algae growth should inquire about our Highlander-CS™ shingles featuring the Scotchgard™ protection from 3M. The Highlander-CS™ shingles featuring the 20 year Scotchgard™ Algae Resistant Roofing System warranty from 3M are equipped with the most effective solution available against algae staining.

RUGGED DURABILITY

Malarkey's revolutionary Highlander-CS™ shingle technology begins with a durable base layer of fiberglass mat. Malarkey's unique fiberglass mat is coated on both sides with quality asphalt which provides long term weatherability and granule adhesion, protecting your investment.

Additional weight in the shingle is providing long term weatherability and granule adhesion; protecting your investment.

ZONE®

One of the most critical aspects of a successful roofing project is correct shingle installation. Improper fastener placement is the leading cause of incorrect shingle installation and can subsequently void the warranty. The Highlander-CS™ is manufactured using the patented ZONE® technology which includes a tapered nailing area over three times larger than other laminate shingles. The ZONE's® larger nailing area dramatically improves correct fastener placement.

RAIN SEAL PROTECTION

Malarkey's Highlander-CS™ shingle is manufactured with a double line of defense in the critical area for a laminated shingle, with double rain seal protection.

The SEBS asphalt has elongation capabilities of up to 800 percent, making it flexible down to zero degrees. The rain seal remains intact through the freeze and thaw cycle. Malarkey SEBS asphalt adhesive is superior to oxidized asphalt because of its cohesive and adhesive properties. The adhesive properties of SEBS asphalt join the shingle together while the cohesive properties prevent it from breaking apart from itself.

LIMITED WIND WARRANTY

Highlander-CS™ shingles come with a 70 mph/113 kph Limited Wind Warranty.

ENHANCED WIND WARRANTY

Highlander-CS™ shingles are eligible for a 110 mph/177 kph Enhanced Wind Warranty Protection when Malarkey's Smart Start™ shingle is installed, shingles are six nailed, and Malarkey's supporting products-Arctic Seal 401, Right Start™ UDL, or Malarkey Hip and Ridge Shingle (EZ-Ridge™ 222-224*) or Hip & Ridge Strips (225*-227*)** are used.

SOLAR REFLECTIVE SHINGLES

Highlander-CS™ Dove White shingles create a "cooling" effect for your home and meet the required reflectance to be designated with some of the industries leading energy conservation standards, ENERGY STAR® and CRRC.

Highlander-CS™ Dove White promotes energy savings and global warming alleviation while complying with green building programs.

TEST COMPLIANCE

- ASTM D7158 Class H
- ASTM D3161 Class F
- ASTM E108 Class A
- ICC Approval - ESR3150
- ASTM D3462
- ASTM D3018 Type I
- CSA A123.5
- FBC Approval - #14809



FEATURING

- 30 year Limited Material Warranty
- Your Choice™ Warranty Program
- 5 year Right Start™ Warranty

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 Your Choice™ Warranty for details.

‡ Colors available from South Gate production only

*Malarkey Roofing systems require algae resistant EZ-Ridge XT™ 224 shingles or Hip and Ridge shingles 225 & 227, in conjunction with the algae resistant shingles, to receive the full 20 year algae resistant warranty system. The Alaskan® (230) featuring Scotchgard™ Algae Resistant Protection from 3M can be substituted as Hip and Ridge shingle, in conjunction with the algae resistant shingles to receive the full 20 year algae resistant warranty system. 3M and Scotchgard are trademarks of 3M Company.

**Some contractors adapt roofing shingles for use as a hip and ridge shingle. If your contractor uses this method, the Enhanced Wind Warranty will apply when The Alaskan® (230) is used as hip and ridge shingles. Use of Dura-Seal shingles for hip and ridge will not qualify toward Enhanced Wind Warranty.

◊ Energy Star only applies to the Highlander-CS™ Dove White shingle. Energy Star is only recognized in the U.S., not in Canada.

† Internal specification allows for variance of ± 4% in weight. This version supersedes all previous versions. Rev. 3/13



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