



MALARKEY'S ALGAE RESISTANT STANDARD  
SINCE 1994

FEATURING



Windsor®  
shown in:  
Natural Wood

Malarkey has been manufacturing shingles with Scotchgard™ Protector longer than any other roofing manufacturer in the industry.

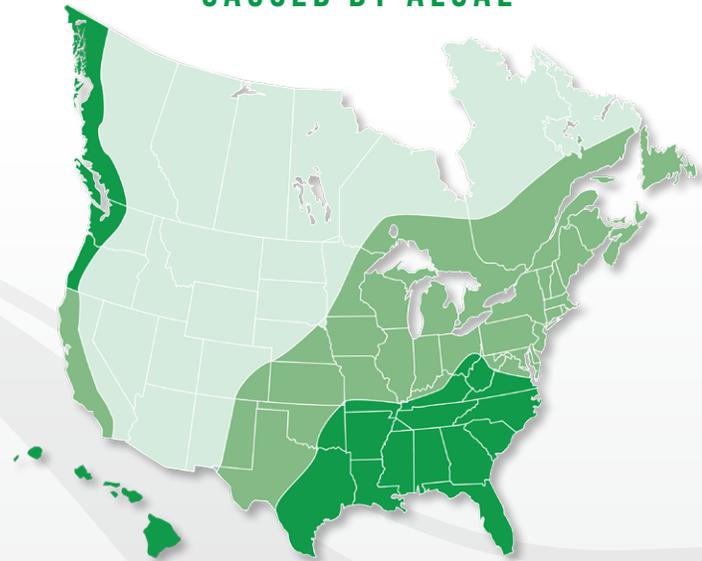
# IS YOUR RESIDENCE IN AN AREA SUSCEPTIBLE TO BLACK STREAKS CAUSED BY ALGAE?

*Why settle for allowing your roof to appear old and unattractive in sometimes as little as three to six years after installation?*

Your home is your most valuable possession, and with the cost of roofing, installing a Malarkey Roofing Products® shingle featuring Scotchgard™ Protector is an affordable solution.

Algae thrive in humid or wet environments, and unattractive black streaks on shingles are caused by algae cells that have built up over time. Malarkey Roofing Products® is proud to feature Scotchgard™ Protector, which offers Limited Lifetime Warranty coverage against unsightly black streaks on shingles caused by algae.

## POTENTIAL FOR BLACK STREAKS CAUSED BY ALGAE



Low Problem      Medium Problem      High Problem

Based on US average annual precipitation and dew point data.



This 8-year-old roof in Florida is an example of a roof where algae-resistant copper granules are not present in the hip and ridge shingles.

## CLEANING IS NOT THE ANSWER!

*Algae can return even after being washed away.*



The left side of this roof in Florida shows severe black streaks just 4 years after washing. The right side features a 10-year-old Scotchgard™ Protector shingle roof system that has never been washed.

**Malarkey shingles featuring Scotchgard™ Protector can save you money and peace of mind by helping prevent roof cleaning costs.**

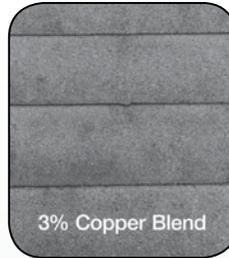
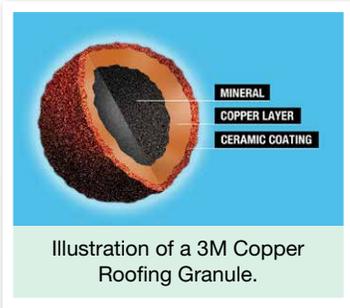
An average roof without Malarkey shingles featuring Scotchgard™ Protector may require periodic cleaning to remove the black streaks caused by algae and maintain the beauty of the roof.

## HOW DOES THE WHOLE SYSTEM WORK?

**Malarkey Roofing Products® featuring Scotchgard™ Protector help preserve your roofing investment.** Shingles featuring Scotchgard™ Protector utilize 3M™ copper-containing granules and have been third-party tested to make sure manufacturing requirements are met. Copper granules are designed

to allow the copper ions to slowly disperse and protect the roof from algae over a period equal to the useful life of the shingles themselves.

**Malarkey uses the correct ratio blend of copper granules to provide proper coverage and protection from black streaks caused by algae.**



Grey scale images showing black streaks caused by algae growth on shingles exposed in Houston, TX for 5 years. Shingles with low blend percentages show significant discoloration already.

**BOTH LIGHT AND DARK COLORED ROOFS SHOW DISCOLORATION.**  
*No shingle color hides unsightly black streaks.*



The picture below shows a roof in Florida after a 6-year period: shingles on the left have a 0% blend of copper granules while the right side has a minimum of 10%. Although results may vary based on climatic conditions, the difference in appearance is a dramatic and powerful example how shingles featuring Scotchgard™ Protector can preserve your investment by helping prevent black streaks on shingles caused by algae.



FEATURING



Legacy®  
shown in:  
Weathered Wood



## LASTING VALUE AND BEAUTY FOR YOUR ROOF

A roof is a dramatic part of your home, and unpleasant black streaks caused by algae can ruin the aesthetic appearance and reduce its value. Investing in a new roof is a considerable expenditure. Protect the roof you

install today, and help maintain its lasting beauty by resisting black streaks on shingles caused by algae for the lifetime of the roofing system. Ask for Malarkey Roofing Products® featuring Scotchgard™ Protector.

### Products Featuring Scotchgard™ Protector:

#### Designer Shingles:



#### Architectural Shingles:



#### Complete the system with Malarkey's Scotchgard™ hip and ridge products:



\* Malarkey hip and ridge shingles (10", 12" RidgeFlex™ or 8", 10" EZ-Ridge™ with Scotchgard™ Protector from 3M) are recommended for all Malarkey field shingles but required with shingles having Scotchgard™ Protector to receive Malarkey's Limited Lifetime Scotchgard™ Protector Warranty. Some contractors adapt 3-tab roofing shingles to use as hip and ridge shingles; The Alaskan® featuring Scotchgard™ Protector can be substituted as hip and ridge shingles for both the Scotchgard™ Protector Warranty and the Algae Resistant System Warranty from Malarkey. The use of Dura-Seal™ AR as hip and ridge shingles is only allowed when Dura-Seal™ AR is the field shingle.

+ For Windsor®, use of Windsor® Starter shingles with Scotchgard™ Protector are required for installation.

This version supersedes all previous versions. Rev. 11/19



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