



ECOASIS Premium™

Featuring



Solar Reflective  
Flexor™ SBS Polymer Modified Shingle



Shown in:  
Tumbleweed

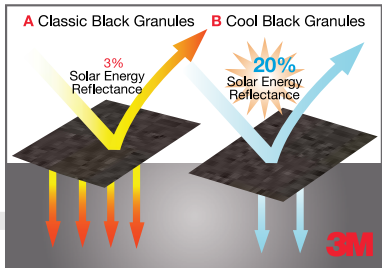


**Malarkey**  
Roofing Products®  
Defining Excellence.™

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**3M REFLECTANCE DIAGRAM**  
 (A) 3M Classic Roofing Granules reflect less solar energy which may cause more heat to be transferred into a building.  
 (B) 3M Cool Roofing Granules reflect more solar energy away from the roof which can help lower air conditioning costs and improve indoor comfort levels.

**COLOR AVAILABILITY**

Ecoasis Premium™	Agave	Mesquite	Tumbleweed

Distributed from:

- Portland, OR
- South Gate, CA
- Oklahoma City, OK

*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.*

*\*For complete Limited Lifetime warranty details, reference Malarkey's Limited Lifetime Shingle Warranty.  
 \*Scotchgard™ Algae Resistant Shingle Protector requires algae resistant EZ-Ridge™ (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.  
 \*\*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.  
 †ENERGY STAR is only recognized in the United States, not in Canada.  
 This version supersedes all previous versions. Rev. 2/15*

# TECOASIS Premium™



## SOLAR REFLECTIVE SHINGLES

The Ecoasis™ line of shingles feature Cool Roofing Granules from 3M that 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. These shingles meet the required reflectance to be designated with industry leading energy conservation standards, including: ENERGY STAR, Cool Roof Rating Council, and California Energy Code, Title 24, Part 6 compliance. Colors with an SRI above 29 also meet LEED requirements.



## 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 include a 20-year warranty.



## 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™ SBS polymer modified shingles withstood a simulation of hailstones impacting a roof at 90 mph (144 kph) without sustaining damage.



## SUPERIOR GRANULAR EMBEDMENT

Flexor™ 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 lasts longer.



## FLEXOR™ SBS POLYMER MODIFIED ASPHALT

Flexor™ 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.



## 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.



## 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™ allows the shingle to conform to a variety of roof structures, withstand extreme weather cycles, and be installed in a wider range of climates.



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



## LIMITED WIND WARRANTY

Ecoasis Premium™ shingles come with a 110 mph (177 kph) Limited Wind Warranty.



## ENHANCED WIND WARRANTY

Ecoasis Premium™ 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.



## FEATURING

- Limited Lifetime Shingle Warranty
- 15-year Right Start™ Warranty

## TEST COMPLIANCE

- ASTM D7158 Class H
- ASTM D3161 Class F
- ASTM E108 Class A Fire Rating
- ASTM D3462
- ASTM D3018 Type I
- UL 2218 Class 4
- CSA A123.5
- ICC Approval – ESR 3150
- FBC Approval – #14809



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