



Malarkey
Roofing Products®
Defining Excellence.™



PROTECTING YOUR

HOME WITH

CLASS

SHINGLES

WWW.MALARKEYROOFING.COM

IF YOU ARE CONTEMPLATING PROTECTING YOUR HOME WITH A CLASS 4 SHINGLE, YOU MAY BE WONDERING, "WHAT IS A CLASS 4 SHINGLE?"






► **WHAT IS THE UL 2218 IMPACT RESISTANCE TEST?**

UL 2218 is the industry standard for testing shingles against the impact of hail. There are four different testing classes that are denoted by four different steel ball sizes, ranging from 1¼" to 2". The steel balls are dropped at a range of 12-20 feet to impact the shingles at high speed, replicating the force of actual documented hail. The back of the shingle is then inspected for any cracking or visible signs of distress from the impact of the steel ball. The UL 2218 Class 4 impact resistance is currently the highest rating in impact resistance.

► **WHAT MAKES MALARKEY SHINGLES IMPACT RESISTANT?**

The quality of asphalt we employ. The addition of SBS polymers, and our advanced blending system create our superior SBS product. Malarkey Roofing Products® has been utilizing rubber polymer technology to modify our asphalt roofing for over 25 years.

Malarkey's Legacy, Alaskan, and Ecoasis Premium all pass UL 2218 Class 4

| IMPACT RESISTANCE TESTING | | | | | | |
|---------------------------|--|--|--|--|--|-----------------|
| Drop Height (ft) | 12 | 14 | 17 | 20 | | |
| |  |  |  |  |  | |
| | Golfball (1.680" D) | (1¼" D) | (1½" D) | (1¾" D) | (2" D) | Baseball (3" D) |
| Class | 1 | 2 | 3 | 4 | | |

DISCLAIMER

**WHY DON'T MANUFACTURERS OFFER HAIL RESISTANCE WARRANTIES?
NOTHING IS HAIL PROOF**

A hail storm can destroy even the best roofs. Given all of the testing, there is no accounting for the size, shape, velocity or direction of hailstones impacting your roof.



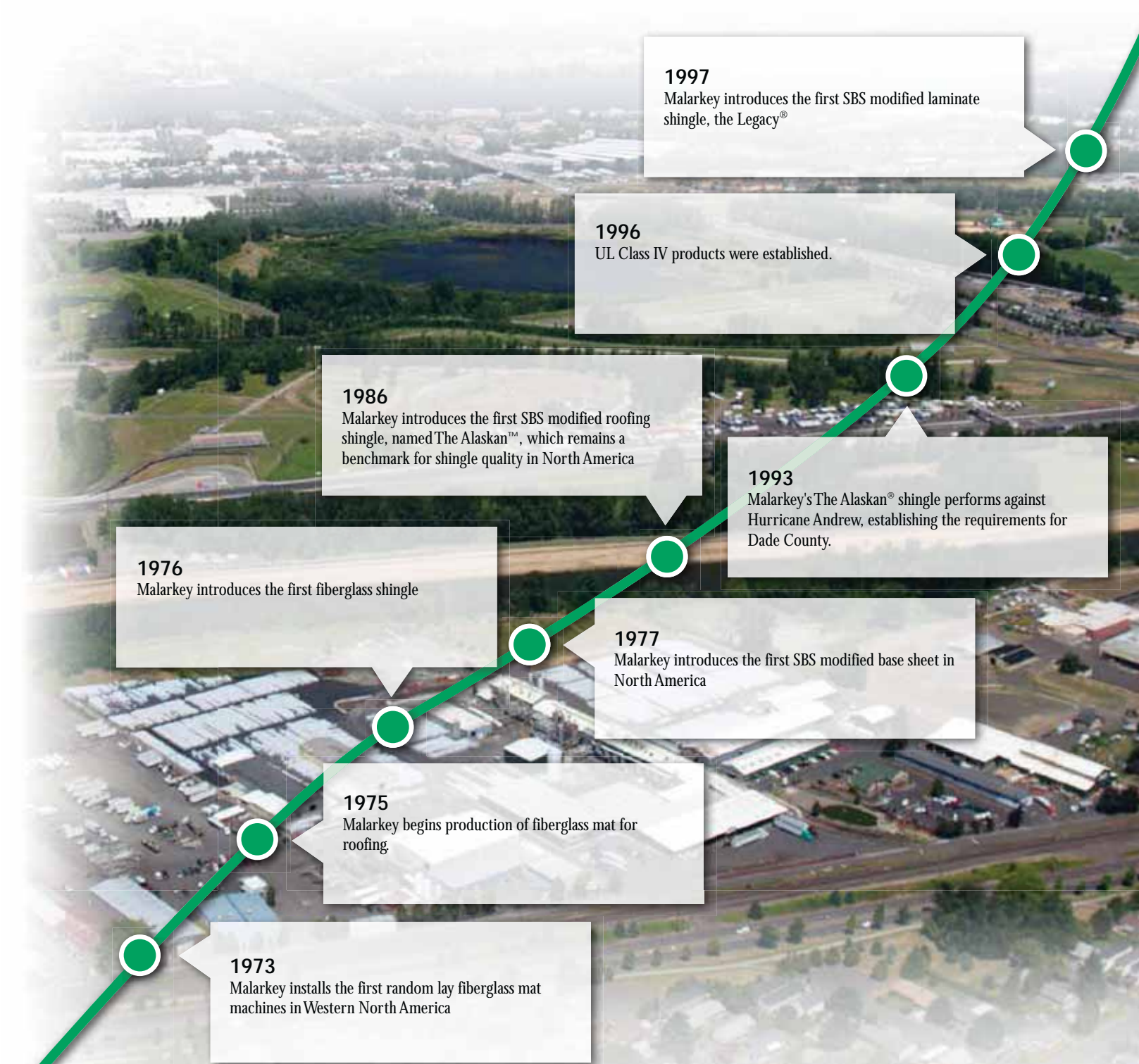
NOTHING IS HAIL PROOF*

*Actual picture of hail damage that punctured roof through wood deck

MALARKEY'S HISTORY WITH RUBBERIZED POLYMERS

For over 25 years, Malarkey has been manufacturing aesthetically pleasing rubberized products to meet challenging environments. Malarkey's modified story begins in 1986 with the SBS modified three-tab shingle, The Alaskan®. Engineered for high wind, cold weather installation, and impact resistance, The Alaskan® was a performance shingle. Due to the success and adoption of The Alaskan®; Malarkey's rubberized story continued in 1997 with the Legacy®, a revolutionary SBS modified laminate shingle.

With over two decades of experience with modifying polymers, Malarkey Roofing Products® continues to raise the benchmark for quality shingles.



WHAT MAKES MALARKEY SHINGLES IMPACT RESISTANT?

Our polymer blending facility uses advanced technology to produce very controlled mixing, making our products some of the most advanced in the industry.



WHY DOES MODIFIED SBS ASPHALT MAKE A DIFFERENCE?

Malarkey's extensive history with modified asphalt began in 1977. Malarkey Roofing Products® has been utilizing rubber polymer technology to modify our asphalt roofing for over 25 years. As opposed to conventional oxidized asphalt the advanced characteristics of SBS technology works cohesively to add strength and flexibility, as well as fortify the surface of our products. Our modified asphalt is exclusively blended by our technology for use in our manufacturing production line for our **Legacy®**, **Ecoasis Premium™** and **Alaskan®** shingles.

NOT ALL ROOFING MATERIAL PERFORMS THE SAME AGAINST IMPACT DAMAGE

Impact Resistant Roofing products are the solution to frequent roof replacements. Certain roofing materials pass UL 2218 at higher levels, qualifying them for discounts.

- *Malarkey's Legacy®, Ecoasis Premium™, and Alaskan® all pass UL 2218 with a Class 4, the highest rating possible.*
- *Some standard asphalt products do pass Class 4, but they are not as flexible or durable against impact.*

➤ *All of Malarkey's Class 4 products are manufactured with SBS modified asphalt, meaning they have increased flexibility and durability.*

**SAME STORM.
SAME NEIGHBORHOOD.
DIFFERENT RESULTS.**



“Malarkey Roofing Products® is dedicated to creating quality products that offer protection and longevity to your roof.”

Malarkey Legacy® roof
in Antique Brown*
CLASS

**Photograph is of an actual Malarkey roof that withstood the same storm as the images on the opposite page.*

***Storm results may not be typical.*

LEGACY® & LEGACY®



CLASS 4 REVOLUTIONARY LAMINATE SHINGLES



EXTREME WEATHER PROTECTION

The Legacy® provides a durable barrier against extreme weather, receiving the UL 2218 Class 4 Impact Resistance classification, the highest rating possible.

In a Class 4 rating test, the Legacy® withstood a simulation of hailstones impacting a roof at 90 mph (144 kph) without sustaining damage.



SBS MODIFIED ASPHALT

The rubberizing aspect of SBS increases flexibility and weatherability for your roof. The thermo cycling resilience of SBS modified asphalt provides greater granule adhesion for the shingle to create a better barrier from the elements. When granules stay on the shingles, your roof lasts longer.



RAIN SEAL PROTECTION

Malarkey's Legacy® shingle is manufactured with a double line of defense in the critical area for a laminated shingle, with double SEBS asphalt rain seal protection.

Malarkey SEBS asphalt adhesive is superior to oxidized asphalt because of its cohesive and adhesive properties. The SEBS asphalt has elongation capabilities of up to 800 percent, making it flexible down to zero degrees.



LIMITED WIND WARRANTY

Legacy® shingles come with a 110 mph/177 kph Limited Wind Warranty.



ENHANCED WIND WARRANTY

Legacy® shingles are eligible for a 130 mph/209 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.



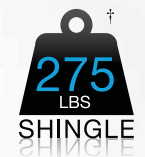
THE ZONE®

The Legacy® 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. Improper fastener placement is the leading cause of incorrect shingle installation and can subsequently void the warranty.



SCOTCHGARD PROTECTION

The Legacy® 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 Legacy® shingle technology begins with a durable base layer of fiberglass mat. Malarkey's unique fiberglass mat is coated on both sides with the SBS modified rubber asphalt, which provides tensile strength and increased flexibility, protecting your investment.



TESTING & APPROVALS

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

Shown in:
Natural Wood



SBS "RUBBERIZED" SHINGLES DELIVER

➤ **SUPERIOR IMPACT RESISTANCE**
The Legacy®, Ecoasis Premium™, and The Alaskan® are all UL 2218 Class 4 Impact Resistant Products as a result of SBS modification.

➤ Malarkey's SBS Rubberized modified products are specifically manufactured to retain granules beyond that of conventional asphalt. Granule adhesion is one of the key components in protecting the shingle against the elements.

BETTER GRANULE ADHESION

Proceed to the next ➤ to learn more about Malarkey SBS products.



LEGACY® & LEGACY®



NOTE: 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. Please contact your local Malarkey representative for color availability. Limited warranties carry terms and conditions. Contact your nearest Malarkey source for further information.

*Malarkey Roofing systems require algae resistant EZ-Ridge™ XT shingles or Hip and Ridge shingles 10" & 12", in conjunction with the algae resistant shingles, to receive the full 20 year algae resistant warranty system. The Alaskan® 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.

†Internal specification allows for variance of ± 4% in weight.



SBS "RUBBERIZED" SHINGLES DELIVER

► INSTALLATION IN COLD WEATHER

Low temperature flexibility allows for year-round application, with temperatures down to 0° F; 40 degrees lower than standard asphalt shingles.

► SBS MODIFIED ASPHALT

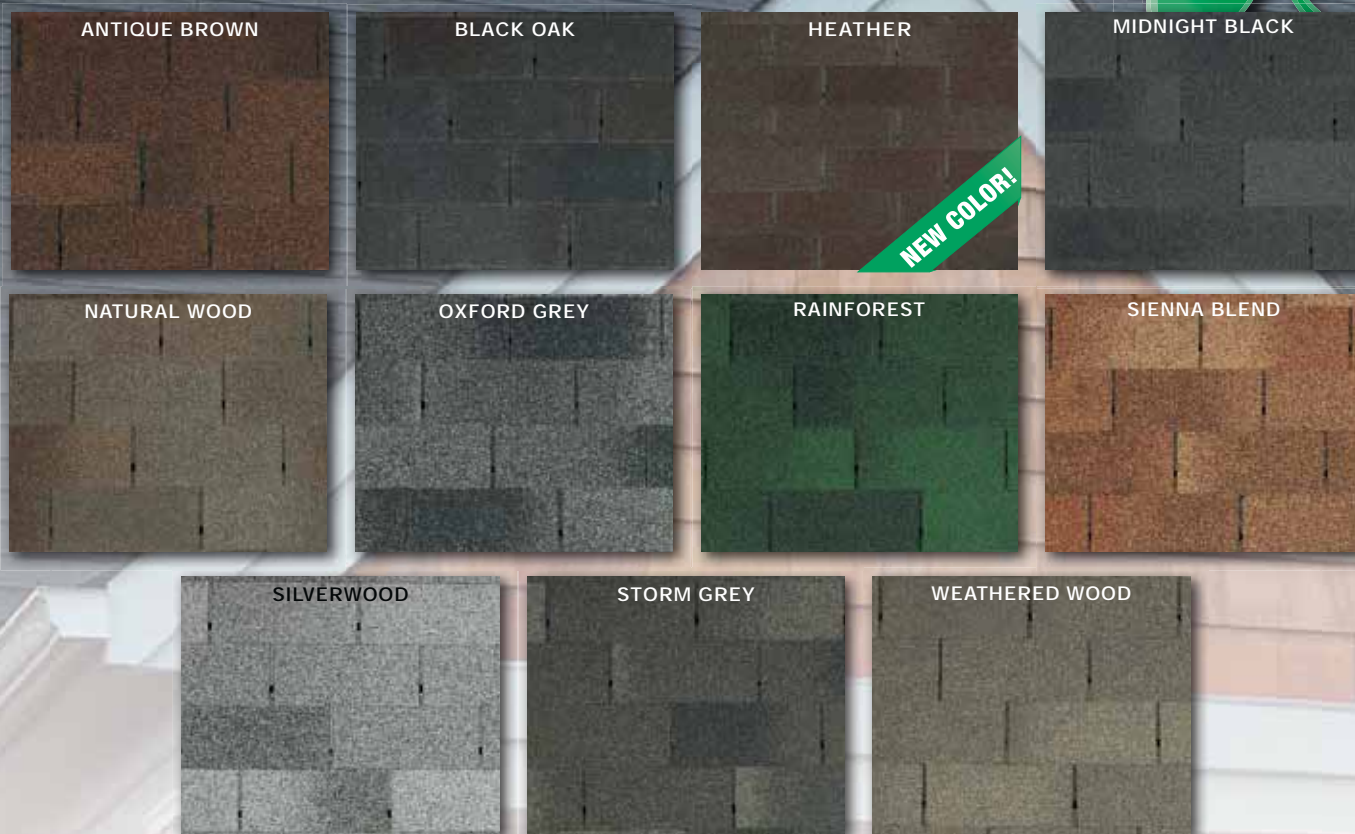
The rubberizing aspect of SBS increases weatherability of your roof. The thermo cycling resilience of SBS modified asphalt provides greater granule adhesion for the shingle to create a better barrier from the elements. When granules stay on the shingles, your roof lasts longer.

Proceed to the next  to learn more about Malarkey SBS products.

THE ALASKAN® 

Available in
11
COMPLIMENTARY
COLORS!

NEW COLOR!



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Use caution as surfaces may be slippery at 40° F and below.

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†Internal specification allows for variance of ± 4% in weight.

THE ALASKAN® 

CLASS 4 SBS MODIFIED 3-TAB SHINGLES

4
CLASS

EXTREME WEATHER PROTECTION

The Alaskan® provides a durable barrier against extreme weather. The Alaskan® traditional 3-tab shingle received the UL 2218 Class 4 Impact Resistance classification, the highest rating possible.

In a Class 4 rating test, The Alaskan® withstood a simulation of hailstones impacting a roof at 90 mph (144 kph) without sustaining any damage.



SBS MODIFIED ASPHALT

The rubberizing aspect of SBS increases weatherability of your roof. The thermo cycling resilience of SBS modified asphalt provides greater granule adhesion for the shingle to create a better barrier from the elements. When granules stay on the shingles, your roof lasts longer.



LIMITED WIND WARRANTY

The Alaskan® shingles come with a 100 mph/161 kph Limited Wind Warranty.



ENHANCED WIND WARRANTY

The Alaskan® shingles are eligible for a 120 mph/193 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™ XT 224*) or Hip & Ridge Strips (225*-227*)** are used.



SCOTCHGARD™ PROTECTION FROM 3M

Regions that are prone to algae growth should inquire about our Alaskan® shingles featuring the Scotchgard™ protection from 3M. The Alaskan® 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 Alaskan® traditional 3-tab shingle technology begins with a durable base layer of fiberglass mat. Malarkey's unique fiberglass mat is coated on both sides with the SBS modified rubber asphalt which provides tensile strength and increased flexibility, protecting your investment.

Additional weight in the shingle provides long term weatherability and granule adhesion, protecting your investment.

FEATURING

- 35 year Limited Material Warranty
- 10 year Right Start™ Warranty
- Your Choice™ Warranty Program



TEST COMPLIANCE

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

SBS "RUBBERIZED" SHINGLES DELIVER

▶ EXCELLENT STRENGTH AND ELASTICITY

SBS has superior cohesive and adhesive properties for expansion and contraction in severe weather conditions.

▶ POSSIBLE INSURANCE SAVINGS

Installing an impact resistant roof can reduce the homeowner's replacement installation costs in hail areas. Check with your homeowner's insurance carrier for more information.

Proceed to the next  to learn more about Malarkey SBS products.

Ecoasis Premium 

Available in
3
INTENSE &
COOL COLORS!



Ecoasis Premium 

CLASS 4 SOLAR REFLECTIVE LAMINATE SHINGLES

4
CLASS

EXTREME WEATHER PROTECTION

Ecoasis Premium™ provides a durable barrier against extreme weather. Ecoasis Premium™ received the UL 2218 Class 4 Impact Resistance classification, the highest rating possible.

SBS
MODIFIED

SBS MODIFIED ASPHALT

The rubberizing aspect of SBS increases flexibility and weatherability for your roof. The thermo cycling resilience of SBS modified asphalt provides greater granule adhesion for the shingle to create a better barrier from the elements. When granules stay on the shingles, your roof lasts longer.

RAIN SEAL
PROTECTION

RAIN SEAL PROTECTION

Malarkey's Ecoasis Premium™ shingle is manufactured with a double line of defense in the critical area for a laminated shingle, with double SEBS asphalt rain seal protection.

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

LIMITED WIND WARRANTY

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

ENHANCED WIND
WARRANTY

ENHANCED WIND WARRANTY

Ecoasis Premium™ shingles are eligible for a 130 mph/209 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™ 224*) or Hip & Ridge Strips (225*-227*)** are used.

T H E
Z O N E

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. Ecoasis Premium™ 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.

SCOTCHGARD
PROTECTION

SCOTCHGARD™ PROTECTION FROM 3M

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

ENERGY
STAR

SOLAR REFLECTIVE SHINGLES

Ecoasis Premium™ shingles are engineered with solar reflective granules, which create a "cooling" effect for your home. Ecoasis Premium™ meets the required reflectance to be designated with some of the industries leading energy conservation standards, ENERGY STAR, the California Energy Code Part 6, Title 24 compliant and listed with CRRC Mesquite and Agave solar reflective colors meet LEED requirements.

Ecoasis Premium™ promotes energy savings and global warming alleviation while complying with green building programs.

275
LBS
SHINGLE

RUGGED DURABILITY

Malarkey's revolutionary Ecoasis Premium™ shingle technology begins with a durable base layer of fiberglass mat. Malarkey's unique fiberglass mat is coated on both sides with the SBS modified rubber asphalt which provides tensile strength and increased flexibility, protecting your investment.

50
YEAR
LIMITED
WARRANTY

TEST COMPLIANCE

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

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◇ ENERGY STAR is only recognized in the U.S., not in Canada.

† Internal specification allows for variance of ± 4% in weight.

PROVEN IN THE REAL WORLD TO STAND UP TO THE ELEMENTS UL 2218 CLASS 4 IMPACT RESISTANT SHINGLES

LEGACY® &
LEGACY®



TECOASIS Premium™



THE ALASKAN®



SBS "RUBBERIZED" SHINGLES FEATURES AND BENEFITS

▶ **SUPERIOR IMPACT RESISTANCE**
The Legacy®, Ecoasis Premium™, and The Alaskan® are all UL 2218 Class 4 Impact Resistant Products.

▶ **INSTALLATION IN COLD WEATHER**
Low temperature flexibility allows for year-round application, with temperatures down to 0° F; 40 degrees lower than standard asphalt shingles.

▶ **EXCELLENT STRENGTH AND ELASTICITY**
SBS has superior cohesive and adhesive properties for expansion and contraction in severe weather conditions.

▶ **BETTER GRANULE ADHESION**
Malarkey's SBS Rubberized modified products are specifically manufactured to retain granules on the shingles. Granule adhesion is one of the key components in protecting the shingle against the elements.

▶ **SBS MODIFIED ASPHALT**
The rubberizing aspect of SBS increases weatherability of your roof. The thermo cycling resilience of SBS modified asphalt provides greater granule adhesion for the shingle to create a better barrier from the elements. When granules stay on the shingles, your roof lasts longer.

▶ **POSSIBLE INSURANCE SAVINGS**
Installing an impact resistant roof can reduce the homeowner's replacement installation costs.



Rev. 12/13

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