



**Malarkey**

**Roofing Products®**







Defining Excellence.™





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# PRODUCT DATA GUIDE





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## Malarkey Shingle Color Availability:

COLOR AVAILABILITY	Agave	Antique Brown	Black Oak	Dove White	Golden Brown	Heather	Mesquite	Midnight Black	Natural Wood	Oxford Grey	Pastel Green	Rainforest	Red	Rustic Slate	Sandstone	Sienna Blend	Silverwood	Storm Grey	Terra Cotta	Tumbleweed	Weathered Wood
Windsor™ 		✿						✿	✿									✿			✿
Legacy®		✿	✿			✿		✿	✿	✿		✿				✿	✿	✿			✿
Legacy® 		✿	✿			✿		✿	✿	✿		✿				✿	✿	✿			✿
Ecoasis Premium™ 	✿						✿													✿	
Northwest XL™		☼	☼			☼		☼	☼							☼		☼			☼
Northwest XL™ 		✿	✿			✿		✿	✿							✿		✿			✿
Highlander-CS®		✿	✿	☼		✿		✿	✿	✿		✿		☼	☼	✿	✿	✿	☼		✿
Highlander-CS® 		✿	✿			✿		✿	✿	✿		✿		☼		✿	✿	✿			✿
The Alaskan® 		✿	✿			✿		✿	✿	✿		✿				✿	✿	✿			✿
Dura-Seal™ 25		✿	✿	☼		☼		✿	✿	✿		☼				✿	✿	✿			✿
Dura-Seal™ 25 AR		✿	✿	✿		✿		✿	✿	✿		✿		✿		✿	✿	✿			✿
Dura-Seal™ 20		☼		☼	☼			☼		☼	☼	☼	☼			☼	☼				☼

 Available from all locations  
 Available only from Oklahoma City, & South Gate, CA  
 Available only from South Gate, CA  
 Available only from Oklahoma City, OK

## Malarkey Hip and Ridge Shingle Color Availability:

COLOR AVAILABILITY	Agave	Antique Brown	Black Oak	Dove White	Golden Brown	Heather	Mesquite	Midnight Black	Natural Wood	Oxford Grey	Rainforest	Rustic Slate	Sandstone	Sienna Blend	Silverwood	Storm Grey	Terra Cotta	Tumbleweed	Weathered Wood
8" EZ-Ridge™ 		✿	✿	✿	✿	✿		✿	✿	✿	✿	✿	✿	✿	✿	✿	✿		✿
10" EZ-Ridge™ XT 	☼	✿	✿			✿	☼	✿	✿	✿	✿			✿	✿	✿		☼	✿
10" Hip & Ridge Strips 	☼	✿	✿	☼		✿	☼	✿	✿	✿	✿	✿	☼	✿	✿	✿	☼	☼	✿
12" Hip & Ridge Strips 		✿	✿			✿		✿	✿	✿	✿			✿	✿	✿			✿

 Available from all locations  
 Available only from Oklahoma City, OK, & South Gate, CA  
 Available only from South Gate, CA

## Malarkey Rolled Roofing Color Availability:

COLOR AVAILABILITY	Antique Brown	Black Oak	Dove White	Midnight Black	Natural Wood	Oxford Grey	Rainforest	Red	Sienna Blend	Silverwood	Storm Grey	Weathered Wood
350 Paragon® Chroma Cap	✿	✿	✿	✿	✿	✿	✿	✿	✿	✿	✿	✿

Note that this information is subject to change. For the most updated color availability, contact [customerserviceorgoto](mailto:customerserviceorgoto@www.malarkeyroofing.com) [WWW.MALARKEYROOFING.COM](http://www.malarkeyroofing.com)

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### STOCK ITEMS AND COLORS

Stock items and colors are normally available from our inventories for regularly scheduled shipments. Lead times may exist based on seasonal demand.

### SPECIAL ORDER ITEMS AND COLORS

A minimum of 600 squares per run with the customer taking all overruns up to 10% of the order quantity. There is a \$600.00 special color run charge per production run. If a product features Scotchgard™ Algae Resistant Roofing System from 3M there will be an additional charge. Allow six weeks for special order items. Please contact your local Malarkey sales representative for additional details.

### FOR ADDITIONAL INFORMATION

Malarkey Roofing Products®  
PO Box 17217  
Portland, OR 97217  
(503) 283-1191 or (800) 545-1191  
Facsimile: (503) 289-7644  
Website: [WWW.MALARKEYROOFING.COM](http://WWW.MALARKEYROOFING.COM)

This information is effective May 19, 2014, and supersedes all previously published data. Malarkey Roofing Products® reserves the right to change any information contained herein without notice. For the most current version of all product literature, go to [WWW.MALARKEYROOFING.COM](http://WWW.MALARKEYROOFING.COM)

### ORDER DESK & TECHNICAL CONTACTS:

#### Order Desk - Portland, OR

1 (800) 545-0182 or (503) 283-0182  
Facsimile: (503) 283-8069  
Hours: 8 am - 5 pm, Pacific Time

#### Order Desk - Oklahoma City, OK

1 (800) 545-0182 or (405) 261-6910/6917  
Facsimile: (405) 261-6901  
Hours: 7 am - 5 pm, Central Time

#### Technical Services

1 (800) 545-1191 or (503) 283-1191  
Facsimile: (503) 283-5405  
Hours: 7 am - 5 pm, Pacific Time

## Traditional 3-Tab Shingles

Please see inside cover for shingle color availability

### PRODUCT DESCRIPTION

### TESTING & APPROVALS

### SPECIFICATIONS

#### 202 .....Dura-Seal™ 20

- 20-Year Limited Product Warranty
- 60 mph (97 kph) Limited Wind Warranty
- Traditional 3-Tab Metric Shingle



Meets or exceeds  
ENERGY STAR®  
Performance Guidelines

(Dove White only)

ASTM D7158 Class H  
ASTM D3462  
ASTM D3018 Type I  
ASTM E108 Class A

Dura-Seal™ 20 'Dove White'  
is listed with CRRC,  
meets CEC Title 24, part 6 and  
earned the ENERGY STAR rating  
Solar Reflective Index: 27

Approx. Wt./Sq.: 200 lbs. (90.7 kg)  
Shingles/Sq.: 66  
Bundles/Sq.: 3  
Exposure: 5⅝" (142.9 mm)  
Squares/Pallet: 16 California (CA)  
Available only from South Gate,  
California

#### 203 .....Dura-Seal™ 25 AR

- 25-Year Limited Product Warranty
- 60 mph (97 kph) Limited Wind Warranty
- Traditional 3-Tab Metric Shingle
- 10-Year Algae Resistance Warranty

ASTM D7158 Class H  
ASTM D3462  
ASTM D3018 Type I  
ASTM E108 Class A

Approx. Wt./Sq.: 200 lbs. (90.7 kg)  
Shingles/Sq.: 66  
Bundles/Sq.: 3  
Exposure: 5⅝" (142.9 mm)  
Squares/Pallet: 16 CA/Oklahoma (OK)  
Available only for certain regions

#### 204 .....Dura-Seal™ 25

- 25-Year Limited Product Warranty
- 60 mph (97 kph) Limited Wind Warranty
- Traditional 3-Tab Metric Shingle

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

Approx. Wt./Sq.: 235 lbs. (106.6 kg)  
Shingles/Sq.: 66  
Bundles/Sq.: 3  
Exposure: 5⅝" (142.9 mm)  
Squares/Pallet: 16 Oregon (OR)/CA/OK

#### 230 .....The Alaskan®

- Limited Lifetime Shingle Warranty
- 110 mph (177 kph) Limited Wind Warranty
- 120 mph (193 kph) Enhanced Wind Warranty available
- Traditional 3-Tab Metric Shingle
- 20-Year Algae Resistance Warranty\*
- SBS-Modified
- Class 4 Impact Resistant

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

Approx. Wt./Sq.: 235 lbs. (106.6 kg)  
Shingles/Sq.: 66  
Bundles/Sq.: 3  
Exposure: 5⅝" (142.9 mm)  
Squares/Pallet: 16 OR/CA

Featuring

\*













ALGAE RESISTANT ROOFING SYSTEM

\*Malarkey Roofing systems require algae resistant EZ-Ridge™ shingles (222 and 224) or Hip & Ridge Strips (225 and 227), in conjunction with the algae resistant shingles, to receive the full 20-year algae resistant system warranty. Alaskan® (230) featuring the Scotchgard™ Algae Resistant Protection from 3M can be substituted as hip and ridge shingles, in conjunction with the algae resistant shingles, to receive the full 20-year algae resistant system warranty.

♦ Energy Star is only recognized in the U.S., not in Canada.

## High-Profile Laminate Shingles

Please see inside cover for shingle color availability

PRODUCT DESCRIPTION	TESTING & APPROVALS	SPECIFICATIONS
<b>271 .....Highlander-CS®</b> <b>277 .....Highlander-CS®</b>  <ul style="list-style-type: none"> <li>Limited Lifetime Shingle Warranty</li> <li>110 mph (177 kph) Limited Wind Warranty</li> <li>130 mph (209 kph) Enhanced Wind Warranty available</li> <li>20-Year Algae Resistance Warranty*</li> </ul> <div>   <p>Meets or exceeds ENERGY STAR® Performance Guidelines (Dove White only)</p> </div> <p>Featuring the Patented Malarkey Zone®</p>	ASTM D7158 Class H ASTM D3462 ASTM D3161 Class F ASTM D3018 Type I ASTM E108 Class A CSA A123.5 ICC Approval - ESR 3150 FBC Approval - #14809  Highlander-CS 'Dove White' is listed with CRRC and meets CEC Title 24, part 6 and earned the ENERGY STAR rating. Solar Reflective Index: 28	Approx. Wt./Sq.: 242 lbs. (109.8 kg) Shingles/Sq.: 64 Bundles/Sq.: 4 Exposure: 5⅝" (142.9 mm) Squares/Pallet: 12 OR/CA/OK  <div> <p>Featuring</p>  <p>*</p> </div> <p>ALGAE RESISTANT ROOFING SYSTEM</p>
<b>269 .....Northwest-XL™</b>  <b>270 .....Northwest-XL™</b> <ul style="list-style-type: none"> <li>Limited Lifetime Shingle Warranty</li> <li>110 mph (177 kph) Limited Wind Warranty</li> <li>130 mph (209 kph) Enhanced Wind Warranty available</li> <li>20-year Algae Resistance Warranty*</li> </ul> <div>  <p>Featuring the Patented Malarkey Zone®</p> </div>	ASTM D7158 Class H ASTM D3462 ASTM D3161 Class F ASTM D3018 Type I ASTM E108 Class A CSA A123.5 ICC Approval - ESR 3150 FBC Approval - #14809	Approx. Wt./Sq.: 260 lbs. (117.9 kg) Shingles/Sq.: 64 Bundles/Sq.: 4 Exposure: 5⅝" (142.9 mm) Squares/Pallet: 12 <b>269</b> Available from OR <b>270</b> Available only from CA for certain regions  <div> <p>Featuring</p>  <p>*</p> </div> <p>ALGAE RESISTANT ROOFING SYSTEM</p>
<b>272 .....Legacy®</b> <b>273 .....Legacy®</b>  <ul style="list-style-type: none"> <li>Limited Lifetime Shingle Warranty</li> <li>110 mph (177 kph) Limited Wind Warranty</li> <li>130 mph (209 kph) Enhanced Wind Warranty available</li> <li>20-year Algae Resistance Warranty*</li> <li>SBS-Modified</li> <li>Class 4 Impact Resistant</li> </ul> <div>  <p>Featuring the Patented Malarkey Zone®</p> </div>	ASTM D7158 Class H ASTM D3462 ASTM D3161 Class F ASTM D3018 Type I ASTM E108 Class A UL 2218 Class 4 CSA A123.5 ICC Approval - ESR 3150 FBC Approval - #14809	Approx. Wt./Sq.: 275 lbs. (124.8 kg) Shingles/Sq.: 64 Bundles/Sq.: 4 Exposure: 5⅝" (142.9 mm) Squares/Pallet: 12 OR/CA/OK  <div> <p>Featuring</p>  <p>*</p> </div> <p>ALGAE RESISTANT ROOFING SYSTEM</p>

\*Malarkey Roofing systems require algae resistant EZ-Ridge™ shingles (222 and 224) or Hip & Ridge Strips (225 and 227), in conjunction with the algae resistant shingles, to receive the full 20-year algae resistant system warranty. Alaskan® (230) featuring the Scotchgard™ Algae Resistant Protection from 3M can be substituted as hip and ridge shingles, in conjunction with the algae resistant shingles, to receive the full 20-year algae resistant system warranty.

♦ Energy Star is only recognized in the U.S., not in Canada.

## High-Profile Laminate Reflective Shingles

Please see inside cover for shingle color availability

### PRODUCT DESCRIPTION

### TESTING & APPROVALS

### SPECIFICATIONS

#### 283....Ecoasis Premium™

- Limited Lifetime Shingle Warranty
- 110 mph (177 kph) Limited Wind Warranty
- 130 mph (209 kph) Enhanced Wind Warranty available
- 20-Year Algae Resistance Warranty\*
- SBS-Modified
- Class 4 Impact Resistant



Featuring the Patented  
Malarkey Zone®



Meets or exceeds  
ENERGY STAR®  
Performance Guidelines

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


Ecoasis Premium  
is listed with CRRC and  
meets CEC Title 24, Part 6, and  
earned the ENERGY STAR rating.

Approx. Wt./Sq.: 275 lbs. (124.8 kg)  
Shingles/Sq.: 64  
Bundles/Sq.: 4  
Exposure: 5⅝" (142.9 mm)  
Squares/Pallet: 12 CA

Featuring



ALGAE RESISTANT ROOFING SYSTEM

Ecoasis Premium 	Solar Reflectance <sup>1</sup>	Thermal Emitance <sup>1</sup>	Solar Reflective
	Initial	Initial	Index <sup>2</sup>
Agave	.27	.92	29
Mesquite	.28	.93	31
Tumbleweed	.26	.93	28

<sup>1</sup>As determined in accordance with CRRC procedures

<sup>2</sup>per Lawrence Berkeley National Laboratory Solar Reflectance Index (SRI) Calculator

## Elegant Heavyweight Designer Shingle

Please see inside cover for shingle color availability

### PRODUCT DESCRIPTION

### TESTING & APPROVALS

### SPECIFICATIONS

#### 285....Windsor™

- Limited Lifetime Shingle Warranty
- 110 mph (177 kph) Limited Wind Warranty
- 140 mph (225 kph) Enhanced Wind Warranty available
- 20-Year Algae Resistance Warranty\*
- SBS-Modified
- Class 4 Impact Resistant

ASTM D7158 Class H  
ASTM D3462  
ASTM D3161 Class F  
ASTM D3018 Type I  
ASTM E108 Class A  
UL 2218 Class 4  
CSA A123.5

Approx. Wt./Sq.: 350 lbs. (159 kg)  
Shingles/Sq.: 65  
Bundles/Sq.: 5  
Exposure: 5¾" (146 mm)  
Squares/Pallet: 6 OR/CA/OK

Featuring







ALGAE RESISTANT ROOFING SYSTEM

\*Malarkey Roofing systems require algae resistant EZ-Ridge™ shingles (222 and 224) or Hip & Ridge Strips (225 and 227), in conjunction with the algae resistant shingles, to receive the full 20-year algae resistant system warranty. Alaskan® (230) featuring the Scotchgard™ Algae Resistant Protection from 3M can be substituted as hip and ridge shingles, in conjunction with the algae resistant shingles, to receive the full 20-year algae resistant system warranty.


♦ Energy Star is only recognized in the U.S., not in Canada.

## Hip and Ridge Shingles

Please see inside cover for hip and ridge shingle color availability

PRODUCT DESCRIPTION	SPECIFICATIONS	
<b>222 .....EZ-Ridge™</b>  <ul style="list-style-type: none"> <li>8" High-Profile, Decorative</li> <li>SBS-Modified Ridge Shingle with Seal Down</li> <li>Featuring the Scotchgard Algae Resistant Roofing System from 3M</li> <li>FBC Approval - #14809</li> </ul>	Approx. Wt./Box: 40 lbs. (18.1 kg) Shingles/Box.: 30 Ln. Coverage: 20' (6.6 m)	Exposure: 8¼" (209 mm) Width: 8" (203 mm) Boxes/Pallet: 42 CA
<b>224 .....EZ-Ridge™ XT</b>  <ul style="list-style-type: none"> <li>10" High-Profile, Decorative</li> <li>SBS-Modified Ridge Shingle with Seal Down</li> <li>Featuring the Scotchgard Algae Resistant Roofing System from 3M</li> <li>FBC Approval - #14809</li> </ul>	Approx. Wt./Box: 50 lbs. (22.7 kg) Shingles/Box.: 30 Ln. Coverage: 20' (6.6 m)	Exposure: 8¼" (209 mm) Width: 10" (254 mm) Boxes/Pallet: 42 OR/CA/OK Certain colors only available from Southgate, CA. Contact customer service for color availability.
<b>225 ..10" Hip &amp; Ridge Strips</b>  <ul style="list-style-type: none"> <li>SBS-Modified Ridge Strips</li> <li>Featuring the Scotchgard Algae Resistant Roofing System from 3M</li> </ul>	Approx. Wt./Bundle: 70 lbs. (31.8 kg) Units/Bundle: 88 Shingles/Bundle: 22 Ln. Coverage: 41'3" (12.6 m)	Exposure: 5⅝" (143 mm) Scored strip provides 13¼" long x 9⅞" wide unit with seal down for 5⅝" (143 mm) exposure Bundles/Pallet: 60 OR Bundles/Pallet: 48 CA Certain colors only available from Southgate, CA. Contact customer service for color availability.
<b>227..12" Hip &amp; Ridge Strips</b>  <ul style="list-style-type: none"> <li>SBS-Modified Ridge Strips</li> <li>Featuring the Scotchgard Algae Resistant Roofing System from 3M</li> </ul>	Approx. Wt./Bundle: 70 lbs. (31.8 kg) Units/Bundle: 66 Shingles/Bundle: 22 Ln. Coverage: 30'11" (9.4 m)	Exposure: 5⅝" (143 mm) Scored strip provides 13¼" long x 12" wide unit with seal down for 5⅝" (143 mm) exposure Bundles/Pallet: 60 OR/CA Bundles/Pallet: 48 OK

## Starter Shingles

PRODUCT DESCRIPTION	SPECIFICATIONS	SURFACING/COLOR
<b>220 .....Smart Start™</b> <ul style="list-style-type: none"> <li>Full-width starter shingle with perforated strip to provide rake and edge coverage</li> </ul>	Approx. Wt./Bundle: 78.3 lbs. (35.5 kg) Shingle/Bundle: 22 Linear Coverage: 73'3" (22.3 m) Width: 13¼" (0.33 m) Length: 40" (1.02 m) Bundles/Pallet: 48 OR/CA/OK	Mineral surfaced
<b>212 .....Windsor™ Starter</b>  <ul style="list-style-type: none"> <li>Full-width starter shingle blended to match the Windsor™ Shingle</li> <li>Featuring the Scotchgard Algae Resistant Roofing System from 3M</li> <li>Meets the requirements of ASTM D3462; UL 2218 Class 4</li> </ul>	Approx. Wt./Bundle: 77 lbs. (34.9 kg) Shingle/Bundle: 22 Linear Coverage: 70' (21.3 m) Width: 13¼" (0.33 m) Length: 38¼" (.97 m) Bundles/Pallet: 24 OR/CA/OK	Antique Brown Midnight Black Natural Wood Storm Grey Weathered Wood

\*Malarkey Roofing systems require algae resistant EZ-Ridge™ shingles (222 and 224) or Hip & Ridge Strips (225 and 227), in conjunction with the algae resistant shingles, to receive the full 20-year algae resistant system warranty. Alaskan® (230) featuring the Scotchgard™ Algae Resistant Protection from 3M can be substituted as hip and ridge shingles, in conjunction with the algae resistant shingles, to receive the full 20-year algae resistant system warranty.  
 † Energy Star is only recognized in the U.S., not in Canada.

## Underlayment

PRODUCT DESCRIPTION & TESTING	SPECIFICATION	SURFACING
<b>Right Start™ UDL</b> SBS-Modified Fiberglass Underlayment ASTM D4601 Type II; ASTM D4869; ASTM D226; ASTM6757 Type II; ICC Approval - ESR 1561; FBC Approval - #14807	Approx. Wt./Roll: 80 lbs. (36.3 kg) Coverage: 2 square Width: 39" (1 m) Length: 66' (20.1 m) Rolls/Pallet: 30 OR/CA	Mineral fines
<b>Arctic Seal® 401</b> Self-Adhered Underlayment Ice and Water Protection ASTM D1970	Approx. Wt./Roll: 65 lbs. (29.5 kg) Coverage: 2 square Width: 39¾" (1 m) Length: 65'8" (20 m) Thickness: 60 mils Rolls/Pallet: 20 OR/CA	Mineral fines
<b>SecureStart™ Synthetic Underlayment 1030</b> Light-weight Steep Slope Synthetic Underlayment ASTM D226 Type I & II, CSA A123.3 Type 1 & 2, Meets physical properties of ASTM D4869	Approx. Wt./Roll: 30.7 lbs. (14 kg) Coverage: 10 square Width: 48" (1.2 m) Length: 250' (76.2 m) Rolls/Pallet: 25 OR/CA	Smooth Anti-skid

## Roll Roofing

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	COLORS
<b>350 Paragon® Chroma Cap</b> Premium SBS-Modified Mineral-Surfaced Fiberglass Cap Sheet ASTM D3909 Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems	Approx. Wt./Roll: 78 lbs. (35.4 kg) Coverage: 1 square Width: 39¾" (1 m) Length: 33' (10.0 m) Rolls/Pallet: 30 OR/CA	See Front Inside Cover

## Base Sheets – Conventional

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	SURFACING
<b>515 Panobase</b> ASTM D4601 Type II UL 790 Classified in Class 'A', 'B' and 'C' Fire Systems Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Approx. Wt./Roll: 75 lbs. (25 kg) Coverage: 3 square Width: 39¾" (1 m) Length: 99' (30.2 m) Rolls/Pallet: 20 OR/CA	Mineral fines

## Ply Sheets – Conventional

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS
<b>500 Panoply® 4</b> ASTM D2178 Type IV; UL 55 'A' Type G1; UL 790 Clas- sified in Class 'A', 'B' and 'C' Fire Systems Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Coverage: 5 square Wt./Roll: 36 lbs. (16.4 kg) Width: 39¾" (1 m) Length: 165' (50.3 m) Rolls/Pallet: 30 OR/CA
<b>506 Panoply® 6</b> ASTM D2178 Type VI; UL 55 'A' Type G1; UL 790 Classified in Class 'A', 'B' and 'C' Fire Systems Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Approx. Wt./Roll: 42 lbs. (19.1 kg) Coverage: 5 square Width: 39¾" (1 m) Length: 165' (50.3 m) Rolls/Pallet: 25 OR/CA

## Cap Sheet – Conventional

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	COLORS
<b>502 Panocap</b> ASTM D3909; UL 55 'A' Type G3 UL 790 Classified in Class 'A', 'B' and 'C' Fire Systems Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Approx. Wt./Roll: 72 lbs. (32.7 kg) Coverage: 1 square Width: 39 $\frac{3}{8}$ " (1 m) Length: 33' (10.0 m) Rolls/Pallet: 30 OR/CA	Dove White Midnight Black Tan

## SBS-Modified Base & Ply Sheets

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	SURFACING
<b>501 Paragon® MOD Base</b> SBS-Modified Fiberglass Base Sheet ASTM D4601 Type II UL 790 Classified in Class 'A', 'B' and 'C' Fire Systems Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Approx. Wt./Roll: 92 lbs. (41.8 kg) Coverage: 3 square Width: 39 $\frac{3}{8}$ " (1 m) Length: 99' (30.2 m) Rolls/Pallet: 20 OR/CA	Mineral fines Both Sides
<b>602 Paragon® ULTRA Base</b> Premium SBS-Modified Fiberglass Base Sheet ASTM D4601 Type II; D6163 Type I UL 790 Classified in Class 'A', 'B' and 'C' Fire Systems Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Approx. Wt./Roll: 90 lbs. (41 kg) Coverage: 1.5 square Width: 39 $\frac{3}{8}$ " (1 m) Length: 50' (15.2 m) Rolls/Pallet: 20 OR/CA	Mineral fines Both Sides
<b>603 Paragon® SUPER Base</b> Premium SBS-Modified Fiberglass Base Sheet ASTM D4601 Type II; ASTM D6163 Type I Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Approx. Wt./Roll: 75 lbs. (34.0 kg) Coverage: 1 square Width: 39 $\frac{3}{8}$ " (1 m) Length: 33' (10.1 m) Rolls/Pallet: 28 OR/CA	Mineral fines Both Sides
<b>605 Paragon® PLUS Base</b> Premium SBS-Modified Fiberglass Base Sheet ASTM D4601 Type II Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Approx. Wt./Roll: 100 lbs. (45.4 kg) Coverage: 2 square Width: 39 $\frac{3}{8}$ " (1 m) Length: 66' (20.1 m) Rolls/Pallet: 20 OR/CA	Mineral fines Both Sides
<b>606 Paragon® DUO Base</b> Premium SBS-Modified Fiberglass/Polyester Scrim Base Sheet ASTM D4601 Type II; D6162 Type II Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Approx. Wt./Roll: 90 lbs. (40.8 kg) Coverage: 1.5 square Width: 39 $\frac{3}{8}$ " (1 m) Length: 50' (15.2 m) Rolls/Pallet: 20 OR/CA	Mineral fines Both Sides
<b>620 Paragon® ULTRA TG Base</b> Premium SBS-Modified Torch Grade Fiberglass Base Sheet ASTM D6163 Type I Premium SBS Torch Grade Fiberglass Base Sheet Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Approx. Wt./Roll: 76 lbs. (34.5 kg) Coverage: 1 square Width: 39 $\frac{3}{8}$ " (1 m) Length: 33'6" (10.2 m) Rolls/Pallet: 28 OR/CA	Mineral fines Both Sides
<b>1000 ESHAvent®</b> Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved ASTM 4601	Approx. Wt./Roll: 72 lbs. (34.1 kg) Coverage: 1.5 square Width: 39 $\frac{3}{8}$ " (1 m) Length: 49'2" (15.0 m) Rolls/Pallet: 25 OR/CA	Mineral fines, top Release sheet, bottom

## SBS-Modified Cap Sheet

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	COLORS
<b>350 Paragon® Chroma Cap</b> Premium SBS-Modified Mineral-Surfaced Fiberglass Cap Sheet ASTM D3909 Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems	Approx. Wt./Roll: 78 lbs. (35.4 kg) Coverage: 1 square Width: 39⅞" (1 m) Length: 33' (10.0 m) Rolls/Pallet: 30 OR/CA	See Front Inside Cover
<b>601 Paragon® MOD Cap</b> Premium SBS-Modified Mineral-Surfaced Fiberglass Cap Sheet ASTM D3909 UL 790 Classified in Class 'A', 'B' and 'C' Fire Systems Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Approx. Wt./Roll: 100 lbs. (45.4 kg) Coverage: 1 square Width: 39⅞" (1 m) Length: 34' (10.3 m) Rolls/Pallet: 25 OR/CA	Dove White Midnight Black Tan
<b>625 Paragon® ULTRA Cap</b> Premium SBS-Modified Mineral-Surfaced Fiberglass Cap Sheet ASTM D6163 Type I Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Approx. Wt./Roll: 100 lbs. (45.4 kg) Coverage: 1 square Width: 39⅞" (1 m) Length: 34' (10.3 m) Rolls/Pallet: 20 OR/CA	Dove White Midnight Black
<b>630 Paragon® Ultra TG Cap</b> Premium SBS-Modified Torch Grade Fiberglass Cap Sheet ASTM D6163 Type I Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems	Approx. Wt./Roll: 98 lbs. (44.4 kg) Coverage: 0.75 square Width: 39⅞" (1 m) Length: 25' (7.6 m) Rolls/Pallet: 20 OR/CA	Dove White Midnight Black
<b>650 Paragon® PLUS Cap</b> Premium SBS-Modified Mineral-Surfaced Fiberglass Cap Sheet ASTM D6163 Type II Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Approx. Wt./Roll: 75 lbs. (34 kg) Coverage: 0.75 square Width: 39⅞" (1 m) Length: 26' (7.9 m) Rolls/Pallet: 25 OR/CA	Dove White Midnight Black
<b>660 Paragon® DUO Cap</b> Premium SBS-Modified Fiberglass/Polyester Scrim Cap Sheet ASTM D6162 Type II Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems	Approx. Wt./Roll: 98 lbs. (44.4 kg) Coverage: 1 square Width: 39⅞" (1 m) Length: 33' (10.0 m) Rolls/Pallet: 20 OR/CA	Dove White Midnight Black
<b>1020 ESHAum®</b> Premium SBS-Modified Cap Sheet Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved ASTM 5147; ASTM 3909; ASTM 6298	Approx. Wt./Roll: 95 lbs. (43.1 kg) Coverage: 1 square Width: 39" (1 m) Length: 33' (10.1 m) Rolls/Pallet: 25 OR/CA	Aluminum foil surface, Torch-applied burn-off sheet on back



## EZ Seal Liquid Membrane System (cont.)

PRODUCT DESCRIPTION & TESTING		SPECIFICATIONS
<b>EZ Seal Finish</b> Used as an aesthetic topcoat and sealer. EZ Seal Finish may be used as a smooth topcoat or with a broadcast aggregate. Note: EZ Seal Catalyst required. 788-10 EZ Seal Finish, White 789-8 EZ Seal Finish, Unpigmented (8.5kg)*		Approx. Wt/Container: 10 kg (22.0 lbs.) Form: Fluid Color: White (Special order colors) Coverage Rate (approx.): 134 ft <sup>2</sup> (12.5 m <sup>2</sup> ), per 10 kg *NOTE: Unpigmented (8.5 kg) requires 1.5 kg color pack. Contact Malarkey for additional info
<b>EZ Seal Paste</b> Used for leveling, patching and repairs to substrate prior to use with EZ Seal liquid membrane systems. Note: EZ Seal Catalyst required. 755-5 EZ Seal Paste		Approx. Wt/Container: 5 kg (11.0 lbs.) Form: Fluid Color: Gray Coverage Rate (approx.): N/A
<b>EZ Seal Catalyst</b> Used to initiate the polymerization process of EZ Seal resins, combo primer and paste. 790-2, EZ Seal Catalyst Powder, 2 kg		Approx. Wt/Container: 2 kg (4.4 lbs.) Form: Solid Powder Color: White Decomposition Temperature: 131°F (55°C) (SADT)
<b>EZ Seal Fleece</b> Used in EZ Seal Non-Fibered MMA Resin applications to improve tear strength, puncture resistance and crack-bridging capabilities while maintaining membrane uniformity. 756 EZ Seal Fleece		Dimensions and weights: 14" x 20' (356 mm x 6 m), 0.4 lbs. 14" x 164' (356 mm x 50 m), 4.4 lbs. 41" x 164' (1041 mm x 50 m), 14.6 lbs. Thickness: 40 mils Weight: 110 g/m <sup>2</sup>
<b>EZ Seal Accessory Products</b>		
Mixing Buckets	757 EZ Seal Bucket (0.25 lbs.)	Marked for accurate mixing
Roller Handles	758 EZ Seal Roller Handles (0.29 lbs.)	Used to apply resins and primers
Resin Roller Heads	759 EZ Seal Resin Roller Heads (0.18 lbs.)	Lambs wool roller used to apply an even coat

†EZ Seal products, other than Fleece and Accessory products, are shipped as a Hazardous Material.

EZ Seal products are not explosive, but can form explosive air/vapor mixtures.

‡All weights approx.

## APP-Modified Sheets

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	SURFACING
<b>159 Omni TG Base</b> ASTM D6509 UL 790 Classified in Class 'A', 'B' and 'C' Fire Systems Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems	Approx. Wt./Roll: 95 lbs. (43 kg) Coverage: 2 square Width: 39¾" (1 m) Length: 65'5" (19.9 m) Rolls/Pallet: 20 OR/CA	Smooth-surfaced product
<b>160 Omni TG ULTRA Smooth</b> ASTM D6222 UL 790 Classified in Class 'A', 'B' and 'C' Fire Systems Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems FM Approved	Approx. Wt./Roll: 90 lbs. (40 kg) Coverage: 1 square Width: 39¾" (1 m) Length: 32' 9" (10 m) Rolls/Pallet: 23 OR/CA	Smooth-surfaced product
<b>161 Omni TG ULTRA Granular</b> ASTM D6222 UL 790 Classified in Class 'A', 'B' and 'C' Fire Systems Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems	Approx. Wt./Roll: 108 lbs. (48 kg) Coverage: 1 square Width: 39¾" (1 m) Length: 32' 9" (10 m) Rolls/Pallet: 20 OR/CA	White Tan (Other colors available on request)
<b>162 Omni TG Granular</b> ASTM D6222 UL 790 Classified in Class 'A', 'B' and 'C' Fire Systems Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems	Approx. Wt./Roll: 108 lbs. (48 kg) Coverage: 1 square Width: 39¾" (1 m) Length: 32' 9" (10 m) Rolls/Pallet: 20 OR/CA	White Tan (Other colors available on request)

## APP-Modified Sheets (cont.)

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	SURFACING
<b>163 Omni TG Smooth</b> ASTM D6509 UL 790 Classified in Class 'A', 'B' and 'C' Fire Systems Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems	Approx. Wt./Roll: 95 lbs. (43 kg) Coverage: 2 square Width: 39¾" (1 m) Length: 65'5" (19.9 m) Rolls/Pallet: 20 OR/CA	Smooth-surfaced product

## Omni Seal Self-Adhered Residential System

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	SURFACING
<b>410 OmniSeal Base</b> ASTM D4601 Type II Intertek/WHI Mark - Class 'C' Fire Systems	Approx. Wt./Roll: 80 lbs. (36.3 kg) Coverage: 2 square Width: 39¾" (1 m) Length: 66' (20.1 m) Rolls/Pallet: 25 OR/CA	Smooth-surfaced nailable base
<b>420 OmniSeal Ply</b> Self-Adhering Base/Ply Sheet Intertek/WHI Mark - Class 'C' Fire Systems	Approx. Wt./Roll: 80 lbs. (36.3 kg) Coverage: 2 square Width: 39¾" (1 m) Length: 66' (20.1 m) Rolls/Pallet: 20 OR/CA	Smooth-surfaced self-adhering ply sheet
<b>430 OmniSeal Cap</b> Self-Adhering Cap Sheet ASTM D3909 Adhesion requirements of ASTM D7505 Intertek/WHI Mark - Class 'B' and 'C' Fire Systems	Approx. Wt./Roll: 78 lbs. (35.3 kg) Coverage: 1 square Width: 39¾" (1 m) Length: 34' (10.4 m) Rolls/Pallet: 20 OR/CA	Granular-surfaced self-adhering cap sheet Antique Brown, Dove White, Midnight Black, Oxford Grey, Sienna Blend, Weathered Wood. (Other colors available on request)
<b>435 OmniSeal Cap Plus</b> Self-Adhering Polyester FR Cap Sheet ASTM D7505 Adhesion requirements of ASTM D7505 Intertek/WHI Mark - Class 'A', 'B' and 'C' Fire Systems	Approx. Wt./Roll: 90 lbs. (40.8 kg) Coverage: 1 square Width: 39¾" (1 m) Length: 34' (10.4 m) Rolls/Pallet: 16 OR/CA	Granular-surfaced self-adhering cap sheet

## Walk Boards

PRODUCT DESCRIPTION	SPECIFICATIONS	COLOR
<b>140 Recycled Rubber Walkboard Pads</b>	Approx. Wt.: 3 lbs./ft², 36 lbs./pad 4.46 kg/m², 16.3 kg/pad Dimensions: 36" x 48" (0.91 m x 1.22 m) Thickness: ½" (12.7 mm) Pads per pallet: 100 OR/CA	Black
<b>141 Recycled Rubber Walkboard Pads</b>	Approx. Wt.: 2 lbs./ft², 16 lbs./pad 4.46 kg/m², 7.3 kg/pad Dimensions: 32" x 36" (0.81 m x 0.91 m) Thickness: ⅜" (9.5 mm) Pads per pallet: 100 OR/CA	Black

## Roofing Asphalt

### For application of built-up roofing and waterproofing

PRODUCT DESCRIPTION & TESTING	TYPICAL PROPERTIES
<b>950 SEBS Mopping Asphalt</b> ASTM D6152 Wt./Carton: 50 lbs. (22.7 kg) Carton/Pallet: 36 OR/CA	EVT: 450°F ± 25°F (232°C ± 15°C) Elongation: 800% min. @77°F (25°C) Elastic Recovery: 80% min. after 300% elongation @77°F (25°C)

## Roof Coating & Adhesives and Mastics

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	TYPICAL PROPERTIES
<b>703 Plastic Roof Cement</b> Consistency: Trowel grade ASTM D4586 Type I	Packaging: 5 gal (18.9 L) container Approx. Wt.: 9 lbs./gal (1.08 kg/L)	Max. VOC: 240 g/L 2.0 lbs/gal Black
<b>707 Low VOC Asphalt Primer</b> ASTM D41	Packaging: 5 gal (18.9 L) container Approx. Wt.: 8.3 lbs./gal (0.99 kg/L) Coverage: 0.75-1 gal/100 ft <sup>2</sup>	Max. VOC: 297 g/L 2.47 lbs/gal Black
<b>709 Modified Flashing Cement</b> Consistency: Trowel grade ASTM D3409; ASTM D4586, Type I; ASTM D6511	Packaging: 5 gal (18.9 L) container Approx. Wt.: 9.6 lbs./gal (1.15 kg/L)	Max. VOC: 250 g/L 2.1 lbs/gal Black
<b>727 Modified Bitumen Adhesive</b> ASTM D3019 Type III	Packaging: 5 (18.9 L) & 55 gal (208.2 L) containers Approx. Wt.: 9 lbs./gal (1.08 kg/L)	Max. VOC: 250 g/L 2.1 lbs/gal Black
<b>801 Acrylic Base Coat</b> ASTM D6083	Packaging: 5 (18.9 L) & 55 gal (208.2 L) containers Approx. Wt.: 11.5 lbs./gal (1.38 kg/L)	Tinted
<b>802 Acrylic Finish Coat</b> ASTM D6083 CRRC listed Solar Reflective Index, 114	Packaging: 5 (18.9 L) & 55 gal (208.2 L) containers Approx. Wt.: 11.5 lbs./gal (1.38 kg/L)	White
<b>824 RCap™ Touch-Up</b> Reflectance ≥ 0.81	Packaging: 3½ gal (13.3 L) container Approx. Wt.: 12.0 lbs./gal (1.44 kg/L)	White

## System Specification Key

Surface		Deck		Base			Cap	Interply Adhesive
↓	# of Plies ↓	↓	Insulation ↓	↓	Interply ↓	↓	↓	↓
<b>Surface</b>		<b>Deck</b>		<b>Base/Interply Felts</b>			<b>Interply Adhesive</b>	
M = Mineral F = Foil Surface G = Gravel or Slag S = Smooth (Emulsion) A = Aluminum Coating C = Blown Ceramic Granules R = Reflective Cap Sheet		W = Combustible/Nailable (Wood, Plywood) C = Structural Concrete L = Lightweight Concrete M = Metal S = Structural Wood Fiber G = Poured Gypsum P = Precast Slabs: Concrete, Gypsum		A = 515 PanoBase B = 501 Paragon® MOD Base C = 602 Paragon® ULTRA Base D = 603 Paragon® SUPER Base E = 605 Paragon® PLUS Base F = 1000 ESHAvent® H = 500 PanoPly® 4 I = 506 PanoPly® 6 J = 163 Omni TG Smooth K = 160 Omni TG ULTRA Smooth L = 159 Omni TG Base N = Inverted 502 Cap R = 410 OmniSeal Base S = 420 OmniSeal Ply T = 620 Paragon® ULTRA TG Base V = 606 Paragon® DUO Base X = None			H = Hot Asphalt S = SEBS Hot Asphalt C = Standard Cold M = Modified Cold T = Torched Only	
		<b>Insulation</b>		<b>Cap</b>				
		U = Uninsulated I = Insulated		A = 502 PanoCap B = 601 Paragon® MOD Cap C = 625 Paragon® ULTRA Cap D = 650 Paragon® PLUS Cap G = 1020 ESHAlum® H = 350 Paragon® Chroma Cap I = 160 Omni TG ULTRA Smooth J = 161 Omni TG ULTRA Granular K = 162 Omni TG Granular N = 624 RCap™ O = 524 RCap™ Plus P = 430 OmniSeal Cap Q = 435 OmniSeal Cap Plus R = 626 Paragon® RCap™ T = 630 Paragon® ULTRA TG Cap V = 660 Paragon® DUO Cap X = None				



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