



PRODUCT DATA GUIDE

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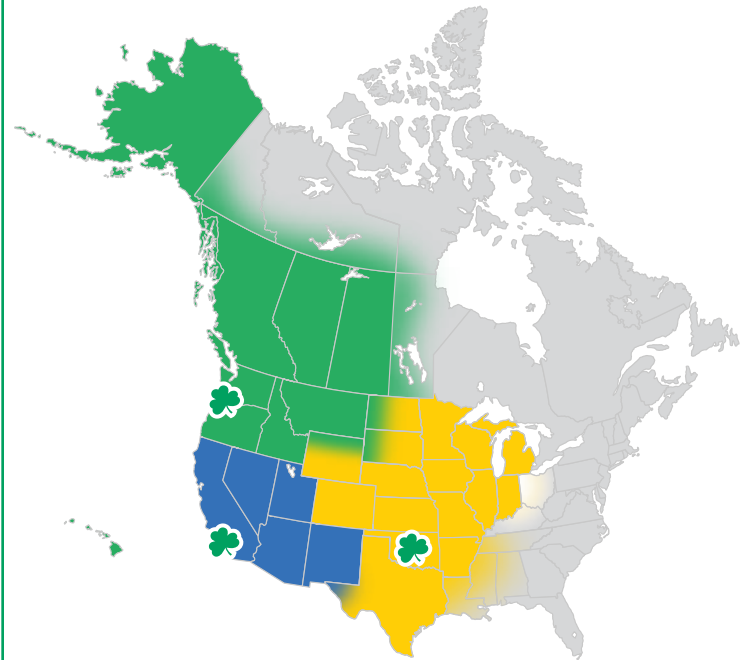
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DISTRIBUTION LOCATIONS:

- Portland, OR
 - South Gate, CA
 - Oklahoma City, OK
- * For distribution outside the highlighted areas, please contact Malarkey Customer Service at 1 (800) 545-0182.

STOCK ITEMS AND COLORS

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

FOR ADDITIONAL INFORMATION

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 Hours: 6 am - 5 pm, Pacific Time




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

NOTE: This information is subject to change. For the most up-to-date color availability, contact Customer Service or go to WWW.MALARKEYROOFING.COM.

COLOR AVAILABILITY	3-TAB SHINGLES		LAMINATE SHINGLES					SOLAR REFLECTIVE SHINGLE		DESIGNER SHINGLES	HIP AND RIDGE SHINGLES			
	203 Dura-Seal® AR		241 Highlander®	242 Highlander® AR	251 Vista®	252 Vista® AR	273 Legacy® <small>Scotchgard</small>	282 Ecoasis®	284 Ecoasis®	285 Windsor® <small>Scotchgard</small>	222 8" EZ-Ridge® <small>Scotchgard</small>	224 10" EZ-Ridge® XT <small>Scotchgard</small>	225 10" RidgeFlex® <small>Scotchgard</small>	227 12" RidgeFlex® <small>Scotchgard</small>
Antique Brown	●●		●	●●	●	●●	●●		●●	●●	●●	●●	●●	
Black Dusk								●			●	●		
Black Oak			●	●●	●	●●	●●		●●	●●	●●	●●	●●	
Brilliant Black				●		●	●				●		●	
Burlwood								●			●	●		
Coastal Grey									●		●	●		
Desert Brush									●		●	●		
Golden Amber			●								●	●		
Heather			●	●●	●	●●	●●		●●	●●	●●	●●	●●	
Ivory Mist	●●		●						●●	●	●	●		
Midnight Black	●●		●	●	●	●	●		●●	●●	●●	●●	●●	
Moonlit Black								●		●	●			
Natural Wood	●●		●	●●	●	●●	●●		●●	●●	●●	●●	●●	
Pacific Drift									●		●	●		
Riverstone Grey								●			●	●		
Sienna Blend	●●		●	●●	●	●●	●●				●	●●	●●	
Silverwood	●●		●	●●	●	●●	●●				●	●●	●●	
Storm Grey	●●		●	●●	●	●●	●●		●●	●●	●●	●●	●●	
Weathered Wood	●●		●	●	●	●	●		●●	●	●	●	●	
Weathered Wood Plus				●		●	●				●		●	
Willow Wood								●			●			




NEX® 3-Tab Shingles

See page 1 for color availabilities and distribution locations.

PRODUCT DESCRIPTION	TESTING & APPROVALS	SPECIFICATIONS
<p>203 Dura-Seal® AR</p> <ul style="list-style-type: none"> NEX® Polymer Modified Asphalt 25-Year Limited Warranty 60 mph (97 kph) Limited Wind Warranty 70 mph (113 kph) Enhanced Wind Warranty available 5-Year Algae Resistant System Warranty* Class 4 Impact Resistant 	<p>ASTM D7158 Class H ASTM D3462; ASTM D3161 Class F ASTM D3018 Type I UL 2218 Class 4 ICC Approval - ESR-3150 Listed in various fire assemblies</p> <p>Dura-Seal® AR <i>Ivory Mist</i> has measured radiative property values listed with CRRC¹ and can be used to comply with California Energy Code Title 24, Part 6 Cool Roof Requirements. SRI: 28</p>	<p>Shingles/Sq.: 66 Bundles/Sq.: 3 Exposure: 5⅝" (143 mm) Squares/Pallet: 16</p>  

NEX® Laminated Architectural Shingles

See page 1 for color availabilities and distribution locations.

PRODUCT DESCRIPTION	TESTING & APPROVALS	SPECIFICATIONS
<p>241 Highlander®</p> <ul style="list-style-type: none"> NEX® Polymer Modified Asphalt Limited Lifetime Shingle Warranty 110 mph (177 kph) Limited Wind Warranty 130 mph (209 kph) Enhanced Wind Warranty available Class 3 Impact Resistant   <p>Featuring The Zone,[®] Malarkey's Patented Nailing Area</p>	<p>ASTM D7158 Class H ASTM D3462 ASTM D3161 Class F ASTM D3018 Type I UL 2218 Class 3 ICC Approval - ESR-3150 ICC-ES AC438; CSA A123.5 FBC Approval - FL36890 Listed in various fire assemblies</p> <p>Highlander® NEX® colors <i>Golden Amber, Ivory Mist, Sienna Blend</i> and <i>Silverwood</i> have measured radiative property values listed with CRRC¹ and can be used to comply with California Energy Code Title 24, Part 6 Cool Roof Requirements. SRI: 21 (Golden Amber); 26 (Ivory Mist); 20 (Sienna Blend); 21 (Silverwood)</p>	<p>Shingles/Sq.: 66 Bundles/Sq.: 3 Exposure: 5⅝" (143 mm) Squares/Pallet: 16</p> 

242 Highlander® AR

- NEX® Polymer Modified Asphalt
- Limited Lifetime Shingle Warranty
- 110 mph (177 kph) Limited Wind Warranty
- 130 mph (209 kph) Enhanced Wind Warranty available
- 10-Year Algae Resistant System Warranty*
- Class 3 Impact Resistant



ASTM D7158 Class H
 ASTM D3462
 ASTM D3161 Class F
 ASTM D3018 Type I
 UL 2218 Class 3
 ICC Approval - ESR-3150
 ICC-ES AC438
 CSA A123.5
 FBC Approval - FL36890
 Listed in various fire assemblies











Shingles/Sq.: 66
 Bundles/Sq.: 3
 Exposure: 5⅝" (143 mm)
 Squares/Pallet: 16

¹ Results are CRRC listings unless marked otherwise.

* 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 use of Dura-Seal® AR as hip and ridge shingles is only allowed when Dura-Seal® AR is also the field shingle.

NEX® Laminated Architectural Shingles (cont.)

See page 1 for color availabilities and distribution locations.

PRODUCT DESCRIPTION	TESTING & APPROVALS	SPECIFICATIONS
<p>251 Vista®</p> <ul style="list-style-type: none"> NEX® Polymer Modified Asphalt Limited Lifetime Shingle Warranty 110 mph (177 kph) Limited Wind Warranty 130 mph (209 kph) Enhanced Wind Warranty available Class 4 Impact Resistant   <p>Featuring The Zone,® Malarkey's Patented Nailing Area</p>	 <p>ASTM D7158 Class H ASTM D3462 ASTM D3161 Class F ASTM D3018 Type I UL 2218 Class 4 ICC Approval - ESR-3150 CSA A123.5; ICC-ES AC438 FBC Approval - #14809 Listed in various fire assemblies</p> <p>Vista® colors <i>Sienna Blend</i> and <i>Silverwood</i> have measured radiative property values listed with CRRC¹ and can be used to comply with California Energy Code Title 24, Part 6 Cool Roof Requirements. SRI: 16⁺ (Sienna Blend); 20 (Silverwood)</p>	<p>Shingles/Sq.: 66 Bundles/Sq.: 3 Exposure: 5⅝" (143 mm) Squares/Pallet: 16</p>
<p>252 Vista® AR</p> <ul style="list-style-type: none"> NEX® Polymer Modified Asphalt Limited Lifetime Shingle Warranty 110 mph (177 kph) Limited Wind Warranty 130 mph (209 kph) Enhanced Wind Warranty available 15-Year Algae Resistant System Warranty* Class 4 Impact Resistant  <p>Featuring The Zone,® Malarkey's Patented Nailing Area</p>	 <p>ASTM D7158 Class H ASTM D3462 ASTM D3161 Class F ASTM D3018 Type I UL 2218 Class 4 ICC Approval - ESR-3150 CSA A123.5; ICC-ES AC438 FBC Approval - #14809 Listed in various fire assemblies</p>	<p>Shingles/Sq.: 66 Bundles/Sq.: 3 Exposure: 5⅝" (143 mm) Squares/Pallet: 16</p>
<p>273 Legacy® </p> <ul style="list-style-type: none"> NEX® Polymer Modified Asphalt Limited Lifetime Shingle Warranty 110 mph (177 kph) Limited Wind Warranty 130 mph (209 kph) Enhanced Wind Warranty available Limited Lifetime Scotchgard™ Protector Warranty* Class 4 Impact Resistant  <p>Featuring The Zone,® Malarkey's Patented Nailing Area</p>	 <p>ASTM D7158 Class H ASTM D3462 ASTM D3161 Class F ASTM D3018 Type I UL 2218 Class 4 CSA A123.5 ICC Approval - ESR-3150 ICC-ES AC438 FBC Approval - #14809 Listed in various fire assemblies</p>	<p>Shingles/Sq.: 64 Bundles/Sq.: 4 Exposure: 5⅝" (143 mm) Squares/Pallet: 12</p>




* 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 use of Dura-Seal® AR as hip and ridge shingles is only allowed when Dura-Seal® AR is also the field shingle.

¹ Results are CRRC listings unless marked otherwise.

[†] Solar reflectance data calculated using CRRC Rapid Ratings.

NEX® Laminated Solar Reflective Shingles




See page 1 for color availabilities and distribution locations.

PRODUCT DESCRIPTION	TESTING & APPROVALS	SPECIFICATIONS
<p>282/284 Ecoasis®</p> <ul style="list-style-type: none"> NEX® Polymer Modified Asphalt Limited Lifetime Shingle Warranty 110 mph (177 kph) Limited Wind Warranty 130 mph (209 kph) Enhanced Wind Warranty available Class 3 Impact Resistant   <p>Featuring The Zone® Malarkey's Patented Nailing Area</p>	<p>ASTM D7158 Class H ASTM D3462 ASTM D3161 Class F ASTM D3018 Type I UL 2218 Class 3 CSA A123.5; ICC-ES AC438 ICC Approval - ESR-3150 Listed in various fire assemblies</p> 	<p>Shingles/Sq.: 66 Bundles/Sq.: 3 Exposure: 5⁵/₈" (143 mm) Squares/Pallet: 16</p>
<p>Ecoasis® shingles have measured radiative property values listed with CRRC and can be used to comply with California Energy Code Title 24, Part 6 Cool Roof Requirements.</p>		

	Solar Reflectance ¹		Thermal Emittance ¹		Solar Reflective Index ¹	
	Initial	Weathered	Initial	Weathered	Initial	Weathered
282 Ecoasis®						
Burlwood	0.21	0.21	0.91	0.94	20	22
Moonlit Black	0.20	0.20 [†]	0.92	0.92 [†]	20	20 [†]
Riverstone Grey	0.20	0.20 [†]	0.92	0.92 [†]	20	20 [†]
Willow Wood	0.20	0.20	0.92	0.92	20	20
284 Ecoasis®						
Black Dusk	0.18	0.19 [†]	0.92	0.92 [†]	17	19 [†]
Coastal Grey	0.17	0.18 [†]	0.92	0.92 [†]	16	17 [†]
Desert Brush	0.17	0.18 [†]	0.92	0.92 [†]	16	17 [†]
Pacific Drift	0.18	0.19 [†]	0.92	0.92 [†]	17	19 [†]

NEX® Designer Shingles

See page 1 for color availabilities and distribution locations.

PRODUCT DESCRIPTION	TESTING & APPROVALS	SPECIFICATIONS
<p>285 Windsor® </p> <ul style="list-style-type: none"> NEX® Polymer Modified Asphalt Limited Lifetime Shingle Warranty 110 mph (177 kph) Limited Wind Warranty 140 mph (225 kph) Enhanced Wind Warranty available Limited Lifetime Scotchgard™ Protector Warranty* Class 4 Impact Resistant 	<p>ASTM D7158 Class H ASTM D3462 ASTM D3161 Class F ASTM D3018 Type I UL 2218 Class 4 CSA A123.5; ICC-ES AC438 ICC Approval - ESR-3150 FBC Approval - #14809 Listed in various fire assemblies</p>  	<p>Shingles/Sq.: 65 Bundles/Sq.: 5 Exposure: 5³/₄" (146 mm) Squares/Pallet: 6</p>



¹ Results are CRRC listings unless marked otherwise.

[†] Solar reflectance data calculated using the California Energy Commission SRI Calculation Worksheet.

*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 use of Dura-Seal® AR as hip and ridge shingles is only allowed when Dura-Seal® AR is also the field shingle.









Starter Shingles

See page 1 for color availabilities and distribution locations.

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	SURFACING/COLOR
<p>210 Smart Start®</p> <ul style="list-style-type: none"> Full-width starter shingle separates at perforation to provide two, full-size starter shingles with seal-down NEX® Polymer Modified Asphalt Meets requirements of: ASTM D3462; ASTM D3161 Class F; ASTM E108 Class A 	<p>Shingles/Bundle: 18 full-size (36 pieces) Linear Ft./Bundle: 114' 9" (35 m) Width: 16³/₈" (416 mm) full-size 8³/₁₆" (208 mm) per piece Length: 38¹/₄" (972 mm) full-size 38¹/₄" (972 mm) per piece Bundles/Pallet: 21</p>	<p>Mineral surfaced</p>
<p>212 Windsor®  Starter</p> <ul style="list-style-type: none"> Full-width starter shingle blended to match the Windsor® shingle NEX® Polymer Modified Asphalt Limited Lifetime Scotchgard™ Protector Warranty* Meets requirements of ASTM D3462 and UL 2218 Class 4 	<p>Shingles/Bundle: 22 Linear Coverage: 70' (21.3 m) Width: 13¹/₄" (337 mm) Length: 38¹/₄" (972 mm) Bundles/Pallet: 24</p> 	<p>Shingle Colors match 285 Windsor® (Antique Brown, Black Oak, Midnight Black, Heather, Natural Wood, Storm Grey and Weathered Wood)</p>

NEX® Hip and Ridge Shingles




See page 1 for color availabilities and distribution locations.

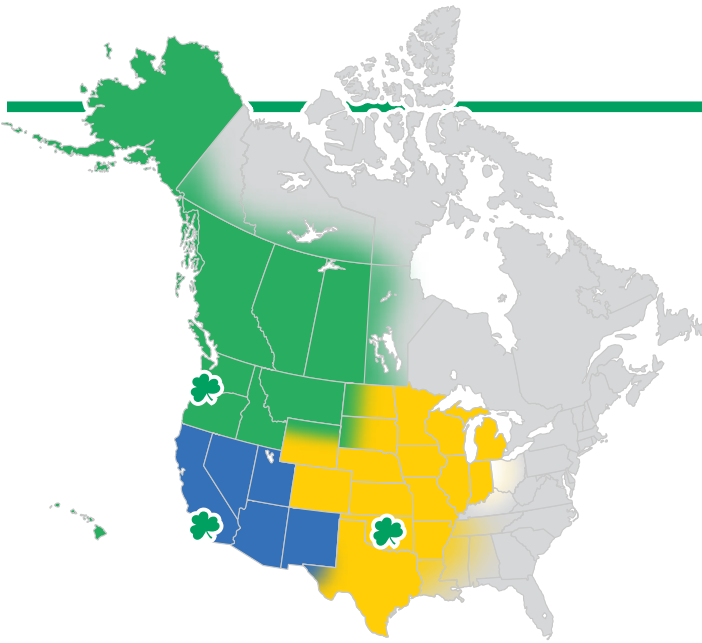
PRODUCT DESCRIPTION	TESTING & APPROVALS	SPECIFICATIONS
<p>222 EZ-Ridge® </p> <ul style="list-style-type: none"> NEX® Polymer Modified Hip and Ridge Shingle with Seal-Down 8" High-Profile, Decorative Limited Lifetime Scotchgard™ Protector Warranty* Class 4 Impact Resistant 	<p>ASTM D3161 Class F UL 2218 Class 4 ICC Approval - ESR-3150 FBC Approval - #14809 Listed in various fire assemblies</p> 	<p>Shingles/Box.: 30 Ln. Coverage: 20' (6.1 m) Exposure: 8¹/₄" (210 mm) Width: 8" (203 mm) Boxes/Pallet: 42</p>
<p>224 EZ-Ridge® XT </p> <ul style="list-style-type: none"> NEX® Polymer Modified Hip and Ridge Shingle with Seal-Down 10" High-Profile, Decorative Limited Lifetime Scotchgard™ Protector Warranty* Class 4 Impact Resistant 	<p>ASTM D3161 Class F UL 2218 Class 4 ICC Approval - ESR-3150 FBC Approval - #14809 Listed in various fire assemblies</p> 	<p>Shingles/Box.: 30 Ln. Coverage: 20' (6.1 m) Exposure: 8¹/₄" (210 mm) Width: 10" (254 mm) Boxes/Pallet: 42</p>
<p>225 10" RidgeFlex® </p> <ul style="list-style-type: none"> NEX® Polymer Modified Hip and Ridge Strips Limited Lifetime Scotchgard™ Protector Warranty* Class 4 Impact Resistant 	<p>ASTM D7158 Class H; ASTM D3462 ASTM D3161 Class F UL 2218 Class 4; CSA A123.5 ICC Approval - ESR-3150 Listed in various fire assemblies</p> 	<p>Units/Bundle: 88 Shingles/Bundle: 22 Ln. Coverage: 41'3" (12.6 m) Exposure: 5⁵/₈" (143 mm) A scored strip is 13¹/₄" (337 mm) tall x 9⁷/₈" (251 mm) wide with seal-down for 5⁵/₈" (143 mm) exposure</p>
<p>227 12" RidgeFlex® </p> <ul style="list-style-type: none"> NEX® Polymer Modified Hip and Ridge Strips Limited Lifetime Scotchgard™ Protector Warranty* Class 4 Impact Resistant 	<p>ASTM D7158 Class H; ASTM D3462 ASTM D3161 Class F UL 2218 Class 4; CSA A123.5 ICC Approval - ESR-3150 Listed in various fire assemblies</p> 	<p>Units/Bundle: 66 Shingles/Bundle: 22 Ln. Coverage: 30'11" (9.4 m) Exposure: 5⁵/₈" (143 mm) A scored strip is 13¹/₄" (337 mm) tall x 12" (305 mm) wide with seal-down for 5⁵/₈" (143 mm) exposure</p>

*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 use of Dura-Seal® AR as hip and ridge shingles is only allowed when Dura-Seal® AR is also the field shingle.

Underlayments

See page 1 for color availabilities and distribution locations.

PRODUCT DESCRIPTION & TESTING & APPROVALS	SPECIFICATIONS	SURFACING
<p>Right Start® UDL</p> <ul style="list-style-type: none"> NEX® Polymer Modified Fiberglass Underlayment ASTM D4601 Type II; ASTM D4869; ASTM D226 Type II; ASTM D6757 Type II; ICC Approval - ESR-1561; FBC Approvals - #14807 & #15214; Listed in various fire assemblies 	<p>Approx. Wt./Roll: 80 lbs. (36.3 kg) Coverage: 2 square Width: 39³/₈" (1 m) Length: 66' (20.1 m) Thickness: 50 mils Rolls/Pallet: 30</p>	<p>Mineral fines</p>
<p>401 Arctic Seal®</p> <ul style="list-style-type: none"> Self-Adhering, NEX® Polymer Modified, Steep Slope Underlayment Ice and Water Protection ASTM D1970 Listed in various fire assemblies FM Approved 	<p>Approx. Wt./Roll: 60 lbs. (27.2 kg) Coverage (approx.): 2 square Width: 36" (0.91 m) Length: 65' (19.8 m) Thickness: 65 mils Rolls/Pallet: 25 from OR/CA Rolls/Pallet: 28 from OK</p>	<p>Mineral fines, top Release film, bottom</p>
<p>406 Secure Start® HT</p> <ul style="list-style-type: none"> Self-Adhering, High Temperature Underlayment Ice and Water Protection ASTM D1970; ASTM E108 Class A Class I Impermeable Vapor Retarder FBC Approval - FL41901 	<p>Approx. Wt./Roll: 40 lbs. (18.1 kg) Coverage (approx.): 2 square Width: 36" (0.91 m) Length: 67' (20.4 m) Thickness: 45 mils Rolls/Pallet: 25</p>	<p>Slip-resistant surface, top; asphalt-based adhesive, bottom and selvage edge; release film protects adhesive</p>
<p>1030 Secure Start® SG</p> <ul style="list-style-type: none"> Lightweight, Synthetic Steep Slope Underlayment Smooth Grade/Quick Lay Application ICC-ES AC188; ASTM D226, D4869 and D8257 ASTM E108 Class A; Intertek CCRR-1082 CAN/CSA A123.3; FBC Approval - FL23186 	<p>Approx. Wt./Roll: 25 lbs. (11.3 kg) Coverage: 10 square Width: 48" (1.2 m) Length: 250' (76.2 m) Thickness: 11 ±1 mils Rolls/Pallet: 49</p> 	<p>Plain non-woven surfaces, top and bottom; Grey surface, black back</p>
<p>1031 Secure Start® Plus</p> <ul style="list-style-type: none"> Lightweight, Synthetic Steep Slope Underlayment ICC-ES AC188; ASTM D226, D8257 and E108 Class A Meets physical properties of ASTM D4869 Intertek CCRR-1082; CAN/CSA A123.3; FBC Approval - FL23186 	<p>Approx. Wt./Roll: 30 lbs. (13.6 kg) Coverage: 10 square Width: 48" (1.2 m) Length: 250' (76.2 m) Thickness: 15 ±1 mils Rolls/Pallet: 36</p> 	<p>Raised non-woven, anti-skid surfaces, top and bottom</p>
<p>1035 Secure Start® Permeable</p> <ul style="list-style-type: none"> Lightweight, Synthetic Steep Slope Underlayment ICC-ES AC188; ASTM D226; ASTM E108 Class A Meets physical properties of ASTM D4869 Intertek CCRR-1082; CAN/CSA A123.3; FBC Approval - FL23186 	<p>Approx. Wt./Roll: 20 lbs. (9 kg) Coverage: 5 square Width: 48" (1.2 m) Length: 125' (38.1 m) Thickness: 30 mils Rolls/Pallet: 36</p> 	<p>Raised non-woven, anti-skid surfaces, top and bottom</p>



NOTE: This information is subject to change. For the most up-to-date color availability, contact Customer Service or go to WWW.MALARKEYROOFING.COM.

DISTRIBUTION LOCATIONS:

- Portland, OR
 - South Gate, CA
 - Oklahoma City, OK
- * For distribution outside the highlighted areas, please contact Malarkey Customer Service at 1 (800) 545-0182.

COLOR AVAILABILITY	PANO™ CAP SHEET		PARAGON® MODIFIED CAP SHEETS				OMNISEAL® MODIFIED CAP SHEETS		REFLECTIVE CAP SHEETS	
	502 Pano™ Cap		350 Paragon® CHROMA Cap	601 Paragon® MOD Cap	625 Paragon® ULTRA Cap	630 Paragon® ULTRA TG Cap	430 OmniSeal® Cap	436 OmniSeal® Cap FR	524G RCap® Plus	626G Paragon® RCap®
Antique Brown			● ●				● ● ●			
Dove White	● ●		● ● ● ●	● ● ● ●	● ● ● ●	● ● ● ●	● ● ● ● ● ●	● ● ● ●		
Midnight Black	● ●		● ●			● ●	● ● ● ● ● ●	● ● ● ●		
Sienna Blend			● ●				● ● ● ●			
Solar White								●	● ● ● ●	● ● ● ●
Storm Grey			● ●				● ● ● ●			
Tan/Buff	● ●			● ●			● ● ● ● ● ●			
Weathered Wood			● ●				● ● ● ● ● ●	● ● ● ●		

DISTRIBUTED FROM:
 ● PORTLAND, OR*
 ● SOUTH GATE, CA*
 ● OKLAHOMA CITY, OK*
 *VARIES BASED ON LOCATION

Base Sheet for Conventional Multi-Ply Systems

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	SURFACING
515 Pano™ Base <ul style="list-style-type: none"> Fiberglass Reinforced Base Sheet ASTM D4601 Type II Listed in various fire assemblies FM Approved; Intertek CCRR-0333 	Approx. Wt./Roll: 75 lbs. (34.2 kg) Coverage: 3 square Width: 39 ³ / ₈ " (1 m) Length: 99' (30.2 m) Rolls/Pallet: 20	Mineral fines

Ply Sheets for Conventional Multi-Ply Systems

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS
500 Pano™ Ply 4 <ul style="list-style-type: none"> Fiberglass Reinforced Ply Sheet ASTM D2178 Type IV; UL 55A Type G1 Listed in various fire assemblies FM Approved; Intertek CCRR-0333 	Approx. Wt./Roll: 38 lbs. (17.2 kg) Coverage: 5 square Width: 39 ³ / ₈ " (1 m) Length: 165' (50.3 m) Rolls/Pallet: 30
506 Pano™ Ply 6 <ul style="list-style-type: none"> Fiberglass Reinforced Ply Sheet ASTM D2178 Type VI; UL 55A Type G1 Listed in various fire assemblies FM Approved; Intertek CCRR-0333 	Approx. Wt./Roll: 42 lbs. (19.5 kg) Coverage: 5 square Width: 39 ³ / ₈ " (1 m) Length: 165' (50.3 m) Rolls/Pallet: 25

Cap Sheet for Conventional Multi-Ply Systems

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	COLORS
502 / 502-S Pano™ Cap <ul style="list-style-type: none"> Fiberglass Reinforced Cap Sheets ASTM D3909; UL 55A Type G3 Listed in various fire assemblies FM Approved; Intertek CCRR-0333 	Approx. Wt./Roll: 75 lbs. (34 kg) Coverage: 1 square Width: 39 ³ / ₈ " (1 m) Length: 33' (10.1 m) Rolls/Pallet: 30 SKU 502 is fully granulated with a painted 2" (51 mm) lay line. SKU 502-S has a 2" (51 mm) sand selvage.	See Color Chart, Page 8

SBS Polymer Modified Base and Ply Sheets for use in all PMR Systems

PRODUCT DESCRIPTION & TESTING & APPROVALS	SPECIFICATIONS	SURFACING
501 Paragon® MOD Base <ul style="list-style-type: none"> SBS Polymer Modified Fiberglass Base Sheet ASTM D4601 Type II Listed in various fire assemblies FM Approved; Intertek CCRR-0333 	Approx. Wt./Roll: 92 lbs. (41.7 kg) Coverage: 3 square Width: 39 ³ / ₈ " (1 m) Length: 99' (30.2 m) Rolls/Pallet: 20	Mineral fines, top and bottom
602 Paragon® ULTRA Base <ul style="list-style-type: none"> Premium SBS Polymer Modified Fiberglass Base Sheet ASTM D6163 Type I, Grade S; ASTM D4601 Type II Listed in various fire assemblies FM Approved; Intertek CCRR-0333 	Approx. Wt./Roll: 90 lbs. (40.8 kg) Coverage: 1.5 square Width: 39 ³ / ₈ " (1 m) Length: 50' (15.2 m) Rolls/Pallet: 20	Mineral fines, top and bottom

SBS Polymer Modified Base and Ply Sheets for use in all PMR Systems (cont.)

PRODUCT DESCRIPTION & TESTING & APPROVALS	SPECIFICATIONS	SURFACING
<p>610 Paragon® ULTRA SA Base</p> <ul style="list-style-type: none"> • Self-Adhering Premium SBS Polymer Modified High-Tensile Fiberglass Base Sheet • ASTM D1970; ASTM D6163 Type I, Grade S • Listed in various fire assemblies • FM Approved; Intertek CCRR-0333 	<p>Approx. Wt./Roll: 85 lbs. (38.6 kg) Coverage: 1 square Width: 39³/₈" (1 m) Length: 33' (10.1 m) Rolls/Pallet: 20</p>	<p>Mineral fines, top Release sheet, bottom</p>
<p>620 Paragon® ULTRA TG Base</p> <ul style="list-style-type: none"> • Premium SBS Polymer Modified Torch Grade Fiberglass Base Sheet • ASTM D6163 Type I, Grade S • Listed in various fire assemblies • FM Approved; Intertek CCRR-0333 	<p>Approx. Wt./Roll: 76 lbs. (34.5 kg) Coverage: 1 square Width: 39³/₈" (1 m) Length: 33' (10.1 m) Rolls/Pallet: 28</p>	<p>Mineral fines, top and bottom</p>

SBS Polymer Modified Cap Sheets for use in all PMR Systems

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	COLORS*
<p>350 Paragon® CHROMA Cap</p> <ul style="list-style-type: none"> • SBS Polymer Modified Granule-Surfaced Fiberglass Cap Sheet • ASTM D3909; ASTM D4869; ASTM D6757 • Listed in various fire assemblies • Intertek CCRR-0333 	<p>Approx. Wt./Roll: 78 lbs. (35.4 kg) Coverage: 1 square Width: 39³/₈" (1 m) Length: 33' (10.1 m) Rolls/Pallet: 30</p>	<p>See Color Chart, Page 8</p>
<p>601 Paragon® MOD Cap</p> <ul style="list-style-type: none"> • SBS Polymer Modified Granule-Surfaced Fiberglass Cap Sheet • ASTM D3909 • Listed in various fire assemblies • FM Approved; Intertek CCRR-0333 	<p>Approx. Wt./Roll: 100 lbs. (45.4 kg) Coverage: 1 square Width: 39³/₈" (1 m) Length: 34' (10.4 m) Rolls/Pallet: 25</p>	<p>See Color Chart, Page 8</p>
<p>625 Paragon® ULTRA Cap</p> <ul style="list-style-type: none"> • Premium SBS Polymer Modified Granule-Surfaced Fiberglass Cap Sheet • ASTM D6163 Type I, Grade G • Listed in various fire assemblies • FM Approved; Intertek CCRR-0333 	<p>Approx. Wt./Roll: 100 lbs. (45.4 kg) Coverage: 1 square Width: 39³/₈" (1 m) Length: 34' (10.4 m) Rolls/Pallet: 20</p>	<p>See Color Chart, Page 8</p>


*Color availability varies based on location.

SBS Polymer Modified Cap Sheets for use in all PMR Systems (cont.)


PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	COLORS*
<p>630 Paragon® ULTRA TG Cap</p> <ul style="list-style-type: none"> Premium SBS Polymer Modified Granule-Surfaced Torch Grade Fiberglass Cap Sheet ASTM D6163 Type I, Grade G Listed in various fire assemblies FM Approved; Intertek CCRR-0333 	<p>Approx. Wt./Roll: 107 lbs. (48.5 kg) Coverage: 1 square Width: 39³/₈" (1 m) Length: 34' (10.4 m) Rolls/Pallet: 20</p>	<p>See Color Chart, Page 8</p>

Fiberglass Built-Up Roofing

Bright White Reflective Cap Sheets

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS
<p>524G RCap® Plus</p> <ul style="list-style-type: none"> SBS Polymer Modified Reflective Granule-Surfaced Fiberglass Cap Sheet ASTM D3909; Intertek CCRR-0333 Listed in various fire assemblies 524G RCap® Plus has measured radiative property values listed with CRRC¹, and can be used to comply with California Energy Code Title 24, Part 6 Cool Roof Requirements (SRI: 78[†]) 	<p>Approx. Wt./Roll: 78 lbs. (35.4 kg) Coverage: 1 square Width: 39³/₈" (1 m) Length: 33' (10.1 m) Rolls/Pallet: 30 Color: Solar White Adhesive bleed-out can be granulated with 2200R Reflective Granules.</p> 

626G Paragon® RCap®





<ul style="list-style-type: none"> Premium SBS Polymer Modified Reflective Granule-Surfaced Fiberglass Cap Sheet ASTM D3909; D6163 Type I, Grade G Listed in various fire assemblies; FM Approved; Intertek CCRR-0333 626G Paragon® RCap® has measured radiative property values listed with CRRC¹, and can be used to comply with California Energy Code Title 24, Part 6 Cool Roof Requirements (SRI: 78[†]) 	<p>Approx. Wt./Roll: 100 lbs. (45.4 kg) Coverage: 1 square Width: 39³/₈" (1 m) Length: 34' (10.4 m) Rolls/Pallet: 20 Color: Solar White Adhesive bleed-out can be granulated with 2200R Reflective Granules.</p> 
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*Color availability varies based on location.

¹ Results are CRRC listings unless marked otherwise.

[†] Solar reflectance data calculated using CRRC Rapid Ratings.

OmniSeal® SBS Polymer Modified Self-Adhered Systems

PRODUCT DESCRIPTION & TESTING	SPECIFICATIONS	SURFACING
<p>410 OmniSeal® Base</p> <ul style="list-style-type: none"> SBS Polymer Modified Fiberglass Base Sheet ASTM D4601 Type II; ASTM E108 Class A Fire Rating Listed in various fire assemblies 	 <p>Approx. Wt./Roll: 80 lbs. (36.3 kg) Coverage: 2 square Width: 39³/₈" (1 m) Length: 66' (20.1 m) Rolls/Pallet: 20</p>	<p>Smooth-surfaced nailable base</p>
<p>420 OmniSeal® Ply</p> <ul style="list-style-type: none"> SBS Polymer Modified Self-Adhering Fiberglass Base/Ply Sheet ASTM D1970; ASTM D4601; ASTM E108 Class A Fire Rating Listed in various fire assemblies FM Approved 	 <p>Approx. Wt./Roll: 80 lbs. (36.3 kg) Coverage: 2 square Width: 39³/₈" (1 m) Length: 66' (20.1 m) Rolls/Pallet: 20</p>	<p>Smooth-surfaced self-adhering ply sheet</p>
<p>430 OmniSeal® Cap</p> <ul style="list-style-type: none"> SBS Polymer Modified Self-Adhering Fiberglass Cap Sheet ASTM D3909; ASTM D7530; ASTM E108 Class B Fire Rating; UL 2218A Class 4 Impact Resistant Listed in various fire assemblies 	 <p>Approx. Wt./Roll: 78 lbs. (35.4 kg) Coverage: 1 square Width: 39³/₈" (1 m) Length: 34' (10.4 m) Rolls/Pallet: 20</p>	<p>Granule-surfaced self-adhering cap sheet See Color Chart, Page 8 (Other colors available upon request*)</p>
<p>436 OmniSeal® Cap FR</p> <ul style="list-style-type: none"> Premium Grade SBS Polymer Modified Self-Adhering Fiberglass Cap Sheet ASTM D3909; ASTM D7530; ASTM D1970; ASTM D6163 Type I, Grade G; ASTM E108 Class A & B Fire Rating; UL 2218A Class 4 Impact Resistant Listed in various fire assemblies 436 OmniSeal® Cap FR <i>Solar White</i> has measured radiative property values listed with CRRC¹, and can be used to comply with California Energy Code Title 24, Part 6 Cool Roof Requirements (SRI: 78[†]) 	 <p>Approx. Wt./Roll: 88 lbs. (40 kg) Coverage: 1 square Width: 39³/₈" (1 m) Length: 34' (10.4 m) Rolls/Pallet: 20</p>	<p>Granule-surfaced self-adhering cap sheet See Color Chart, Page 8 (Other colors available upon request*)</p>

*Color availability varies based on location.

¹ Results are CRRC listings unless marked otherwise.

[†] Solar reflectance data calculated using CRRC Rapid Ratings.

EZ Seal™ Liquid Membrane System†

(UL Certified; FM Approved)

PRODUCT DESCRIPTION & TESTING

SPECIFICATIONS

EZ Seal™ Non-Fibered PMMA Resin

- Resin is combined with catalyst and EZ Seal™ Fleece reinforcement to form a monolithic, self-adhering membrane.

760-5 EZ Seal™ Non-Fibered PMMA Resin (Standard), 5 kg

Approx. Wt/Container: 5 kg (11 lbs.)

Form: Fluid

Color: Gray

Coverage (min): 16 ft² (1.5 m²) per 5 kg (11 lbs.)

EZ Seal™ Fibered PMMA Resin

- Used where application of EZ Seal™ Fleece is impractical, such as hard-to-reach places or complex flashings or surfaces. EZ Seal Catalyst required.

785-5 EZ Seal™ Fibered PMMA Resin, 5 kg

Approx. Wt/Container: 5 kg (11 lbs.)

Form: Fluid

Color: Gray

Coverage (min): 24 ft² (2.2 m²) per 5 kg (11 lbs.)

EZ Seal™ Metal Primer

- Used in detail work with edge terminations to metal. EZ Seal™ Metal Primer promotes bonding to various metal substrates.

752-1 EZ Seal™ Metal Primer, 1 kg

Approx. Wt/Container: 1 kg (2.3 lbs.)

Form: Fluid

Color: Gray

Coverage Rate: 54 ft² - 63 ft² per 1 kg
(5 m² - 5.9 m² per 2.3 lbs.)

EZ Seal™ White Combo Primer

- Used in bonding between EZ Seal™ and concrete, masonry, wood, asphalt, and other substrates as recommended. EZ Seal™ Catalyst required.

754-1 EZ Seal™ White Combo Primer, 1 kg

Approx. Wt/Container: 1 kg (2.3 lbs.)

Form: Fluid

Color: White

Coverage Rates (approximate):

Smooth substrates: 0.037 kg/sf (0.40 kg/m²)

Fine grained substrates: 0.046 kg/sf (0.50 kg/m²)

Rough substrates: 0.074 kg/sf (0.80 kg/m²)

EZ Seal™ Catalyst (DHCP Free)

- Used to initiate the polymerization process of both EZ Seal™ PMMA resins and White Combo Primer.

790-2 EZ Seal™ Catalyst Powder (DHCP Free), 2 kg

Approx. Wt/Container: 2 kg (4.4 lbs.)

Form: Solid Powder

Color: White

Decomposition Temperature: 131°F (55°C) (SADT)

EZ Seal™ Fleece

- Used in Non-Fibered PMMA Resin applications to improve tear strength, puncture resistance and crack-bridging capabilities.

756-14 EZ Seal™ Fleece Reinforcement

Dimensions: 14" x 164' (356 mm x 50 m)

Thickness: 30-40 mils

Weight: 110 g/m²

†EZ Seal™ products, other than Fleece, are shipped as hazardous materials. EZ Seal™ products are not explosive, but can form explosive air/vapor mixtures.

Broadcast (Finish) Granules

PRODUCT DESCRIPTION	SPECIFICATIONS	COLOR
<p>2200 Standard Granules</p> <ul style="list-style-type: none"> High quality roofing granules for use on asphalt bleed-out at overlap seams between rolls on a low slope roof. 	<p>Packaging: 5 gal (18.9 L) containers Approx. Wt.: 50 lbs. (22.7 kg)</p>	<p>Various; contact Customer Service for availability.</p>
<p>2200R Reflective Granules</p> <ul style="list-style-type: none"> High quality, solar reflective granules for use on asphalt bleed-out from application of Malarkey reflective cap sheets. 	<p>Packaging: 5 gal (18.9 L) containers Approx. Wt.: 50 lbs. (22.7 kg)</p>	<p>Solar White</p>

System Specification Key

Surface



**# of
Plies**



Deck



Insulation



Base



Interply



Cap



**Interply
Adhesive**



Surface

M = Mineral
 F = Foil Surface
 G = Gravel or Slag
 S = Smooth (Emulsion)
 A = Aluminum Coating
 C = Blown Ceramic Granules
 R = Reflective Cap Sheet
 AC = Acrylic Coating

Deck

W = Combustible/Nailable
 C = Structural Concrete
 L = Lightweight Concrete
 M = Metal
 S = Structural Wood Fiber
 G = Poured Gypsum
 P = Precast Slabs:
 Concrete, Gypsum

Insulation

U = Uninsulated
 I = Insulated

Base/Interply Felts

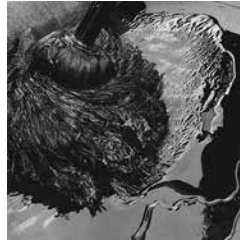
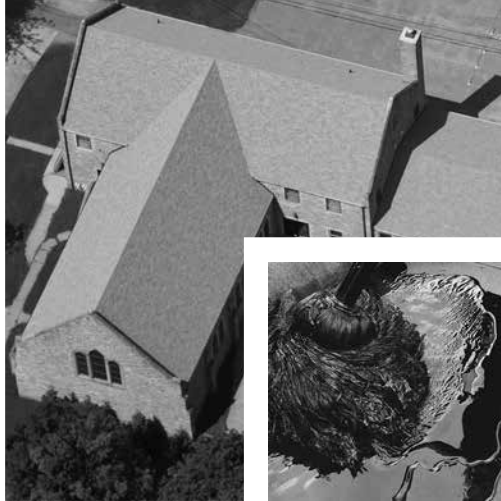
A = 515 Pano™ Base
 B = 501 Paragon® MOD Base
 C = 602 Paragon® ULTRA Base
 H = 500 Pano™ Ply 4
 I = 506 Pano™ Ply 6
 N = Inverted 502 Cap
 R = 410 OmniSeal® Base
 S = 420 OmniSeal® Ply
 T = 620 Paragon® ULTRA TG Base
 U = 610 Paragon® ULTRA SA Base
 X = None

Cap

A = 502 Pano™ Cap
 B = 601 Paragon® MOD Cap
 C = 625 Paragon® ULTRA Cap
 E = 436 OmniSeal® Cap FR
 H = 350 Paragon® CHROMA Cap
 P = 430 OmniSeal® Cap
 R = 626G Paragon® RCap®
 S = 524G RCap® Plus
 T = 630 Paragon® ULTRA TG Cap
 X = None

Interply Adhesive

H = Hot Asphalt
 M = Modified Cold
 T = Torched Only
 SA = Self-Adhering
 SF = Solvent-Free



 **Malarkey**
Roofing Products®

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