



## Multi-Ply Systems Product Line

Modified and Conventional  
Built-Up Roofing Systems







# MULTI-PLY SYSTEMS

Multi-ply bituminous systems provide durability through redundant layers of protection. From conventional systems to SBS polymer modified or hybrid systems, multi-ply roofing can be adapted to meet a wide variety of roofing needs.

Malarkey offers a wide array of different application assemblies: Hot asphalt, cold process adhesives, self-adhering, torch applied and combinations of each and can include Class 4 impact resistant assemblies and reflective cap sheets. Contact your local Malarkey sales representative or our Technical Services Department to assist you in your needs.

**PARAGON<sup>®</sup> LINE**

**RCap<sup>™</sup> LINE**

**PAN<sup>™</sup> LINE**

**OMNISEAL<sup>™</sup> LINE**



## MALARKEY'S COMMERCIAL NDL WARRANTIED SYSTEMS

Length	Initial Ply/Base Sheet Attachment	Base Sheet	Ply Sheet(s)	Cap Sheet	Number of Sheets Fully Adhered
20 year	Fully adhered over insulation/cover board	Not Required	Any ASTM D6163 Base Sheet fully adhered	Any ASTM D6163 Cap Sheet fully adhered	2 or more
20 year	Mechanically attached to nailable deck	Any SBS Base Sheet	Any ASTM D6163 Base Sheet fully adhered	Any ASTM D6163 Cap Sheet fully adhered	2 or more
20 year	Fully adhered over insulation/cover board	Not Required	Any ASTM D6163 Base Sheet fully adhered	Any ASTM D6163 Cap Sheet fully adhered	2 or more
20 year	Fully adhered over insulation/cover board	N/A	2 or more any SBS Base Sheet	Any Cap Sheet fully adhered	3 or more
20 year	Mechanically attached to nailable deck	Any Base Sheet	3 or more 506 Ply Sheet fully adhered	Any Cap Sheet fully adhered	4 or more
20 year	Fully adhered over insulation and cover board	Not Required	3 or more 506 Ply Sheet fully adhered	Any Cap Sheet fully adhered	4 or more
20 year	Mechanically attached to nailable deck	Any Base Sheet	2 or more 506 Ply Sheet fully adhered	625, 626G, 630	3 or more
20 year	Fully adhered over insulation/cover board	Not Required	2 or more 506 Ply Sheet fully adhered	625, 626G, 630	3 or more
20 year	Mechanically attached to nailable deck	Any Base Sheet	4 or more plies of 506 Ply Sheet	Flood Coat and Gravel	4 or more
20 year	Fully adhered over insulation/cover board	Not Required	4 or more plies of 506 Ply Sheet	Flood Coat and Gravel	4 or more
20 year	Fully adhered over insulation/cover board	Not Required	4 or more plies of 506 Ply Sheet	Flood Coat and Gravel	4 or more
20 year	Fully adhered over insulation and DD Prime	Not Required	2 or more plies of 420 Ply Sheet	436 Cap Sheet	3 or more
20 year	Mechanically attached to nailable deck	410 Base Sheet	2 or more plies of 420 Ply Sheet	436 Cap Sheet	3 or more
20 year	Fully adhered over insulation and DD Prime	Not Required	610 Base/Ply Sheet	436 Cap Sheet	2 or more
20 year	Mechanically attached to nailable deck	410 Base Sheet	610 Base/Ply Sheet	436 Cap Sheet	2 or more

## MALARKEY'S COMMERCIAL NDL WARRANTIED SYSTEMS

Length	Initial Ply/Base Sheet Attachment	Base Sheet	Ply Sheet(s)	Cap Sheet	Number of Sheets Fully Adhered
25 year	Mechanically attached to nailable deck	Any SBS Base Sheet	3 plies of 506 Ply Sheet fully adhered	625, 626G, 630	4 or more
25 year	Fully adhered over insulation/cover board	Not Required	3 plies of 506 Ply Sheet fully adhered	625, 626G, 630	4 or more
25 year	Mechanically attached to nailable deck	Any SBS Base Sheet	1 or more any SBS Base Sheet fully adhered and one or more plies of any ASTM D6163 Base Sheet fully adhered	625, 626G, 630	3 or more
25 year	Fully adhered over insulation/cover board	Any SBS Base Sheet fully adhered	1 or more plies of any ASTM D6163 Base Sheet fully adhered	625, 626G, 630	3 or more
30 year	Mechanically attached to nailable deck	Any SBS Base Sheet	4 or more 506 Ply Sheets fully adhered	625, 626G, 630	5 or more
30 year	Fully adhered over insulation/cover board	Not Required	4 or more 506 Ply Sheets fully adhered	625, 626G, 630	5 or more
30 year	Mechanically attached to nailable deck	Any SBS Base Sheet	2 or more ASTM D6163 Base Sheets fully adhered	625, 626G, 630	3 or more
30 year	Fully adhered over insulation/cover board	Not Required	2 or more ASTM D6163 Base Sheets fully adhered	625, 626G, 630	3 or more

*Shorter term warranties are available. Please refer to Malarkey's Specifications Manual or contact our Technical Services Department for more information.*

*Multiple system warranties available.*



# PARAGON<sup>®</sup> LINE

Paragon<sup>®</sup> membranes feature durable SBS polymer modified asphalt. The Paragon<sup>®</sup> line provides a versatile system solution with a variety of application methods, including Paragon<sup>®</sup> RCap<sup>™</sup>, a highly reflective, fiberglass cap sheet.

For detailed color information, please refer to the color chart on page 14.

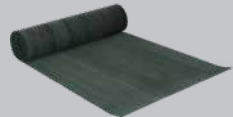


## SBS Polymer Modified Fiberglass Base Sheet

- ASTM D4601 Type II
- Listed in various fire assemblies
- FM Approved

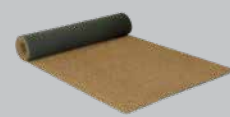
Approx. Wt./Roll: 92 lbs. [41.7 kg]  
Coverage: 3 square  
Width: 39 3/8" [1 m]  
Length: 99' [30.2 m]  
Rolls/Pallet: 20

## PARAGON<sup>®</sup> MOD BASE



501

## PARAGON<sup>®</sup> CHROMA CAP



350

## SBS Polymer Modified Granule-Surfaced Fiberglass Cap Sheet

- ASTM D3909
- Listed in various fire assemblies

Approx. Wt./Roll: 78 lbs. [35.4 kg]  
Coverage: 1 square  
Width: 39 3/8" [1 m]  
Length: 33' [10.1 m]  
Rolls/Pallet: 30

## PARAGON<sup>®</sup> ULTRA BASE



602

## Premium SBS Polymer Modified Fiberglass Base Sheet

- ASTM D6163 Type I, Grade S; ASTM D4601 Type II
- Listed in various fire assemblies
- FM Approved

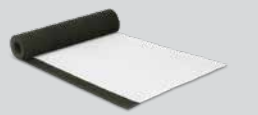
Approx. Wt./Roll: 90 lbs. [40.8 kg]  
Coverage: 1.5 square  
Width: 39 3/8" [1 m]  
Length: 50' [15.2 m]  
Rolls/Pallet: 20

## SBS Polymer Modified Granule-Surfaced Fiberglass Cap Sheet

- ASTM D3909
- Listed in various fire assemblies
- FM Approved

Approx. Wt./Roll: 100 lbs. [45.4 kg]  
Coverage: 1 square  
Width: 39 3/8" [1 m]  
Length: 34' [10.4 m]  
Rolls/Pallet: 25

## PARAGON<sup>®</sup> MOD CAP



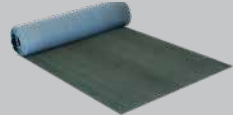
601

## 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

Approx. Wt./Roll: 85 lbs. [38.6 kg]  
Coverage: 1 square  
Width: 39 3/8" [1 m]  
Length: 33' [10.1 m]  
Rolls/Pallet: 20

## PARAGON<sup>®</sup> ULTRA SA BASE



610

## PARAGON<sup>®</sup> ULTRA CAP



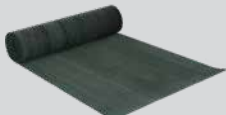
625

## Premium SBS Polymer Modified Granule-Surfaced Fiberglass Cap Sheet

- ASTM D6163 Type I, Grade G
- Listed in various fire assemblies
- FM Approved

Approx. Wt./Roll: 100 lbs. [45.4 kg]  
Coverage: 1 square  
Width: 39 3/8" [1 m]  
Length: 34' [10.4 m]  
Rolls/Pallet: 20

## PARAGON<sup>®</sup> ULTRA TG BASE



620

## Premium SBS Polymer Modified Torch Grade Fiberglass Base Sheet

- ASTM D6163 Type I, Grade S
- Listed in various fire assemblies
- FM Approved

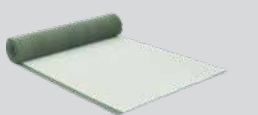
Approx. Wt./Roll: 76 lbs. [34.5 kg]  
Coverage: 1 square  
Width: 39 3/8" [1 m]  
Length: 33' [10.1 m]  
Rolls/Pallet: 28

## Premium SBS Polymer Modified Granule-Surfaced Torch Grade Fiberglass Cap Sheet

- ASTM D6163 Type I, Grade G
- Listed in various fire assemblies
- FM Approved

Approx. Wt./Roll: 107 lbs. [48.5 kg]  
Coverage: 1 square  
Width: 39 3/8" [1 m]  
Length: 34' [10.4 m]  
Rolls/Pallet: 20

## PARAGON<sup>®</sup> ULTRA TG CAP



630





# REFLECTIVE CAP SHEETS

Reflective cap sheets are designed to reduce the amount of heat entering the building, which can potentially extend the life of the roof in hot climates. RCap™ membranes feature a highly solar reflective white granule surface.



## RCap™ Plus



524G

### SBS Polymer Modified Reflective Granule-Surfaced Fiberglass Cap Sheet

- ASTM D3909
- Listed in various fire assemblies
- CRRC listed [SRI: 78]
- Meets CEC Title 24, Part 6 Cool Roof Requirements

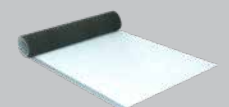
Approx. Wt./Roll: 78 lbs. [35.4 kg]  
 Coverage: 1 square  
 Width: 39 3/8" [1 m]  
 Length: 33' [10.1 m]  
 Rolls/Pallet: 30

### Premium SBS Polymer Modified Reflective Granule-Surfaced Fiberglass Cap Sheet

- ASTM D3909; D6163 Type I, Grade G
- Listed in various fire assemblies; FM Approved
- CRRC Listed [SRI: 78]
- Meets CEC Title 24, Part 6 Cool Roof Requirements

Approx. Wt./Roll: 100 lbs. [45.4 kg]  
 Coverage: 1 square  
 Width: 39 3/8" [1 m]  
 Length: 34' [10.4 m]  
 Rolls/Pallet: 20

## PARAGON® RCap™



626G





# PANO™ LINE

Pano™ membranes feature conventional asphalt for quality built-up roofing systems. Conventional Pano™ membranes can also be used in combination with membranes containing polymer modified asphalt to create a wide range of hybrid systems.

For detailed color information, please refer to the color chart on page 14.



## PANO™ BASE



515

### Fiberglass Reinforced Base Sheet

- ASTM D4601 Type II
- Listed in various fire assemblies
- FM Approved

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

### Fiberglass Reinforced Ply Sheet

- ASTM D2178 Type IV; UL 55A Type G1
- Listed in various fire assemblies
- FM Approved

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

## PANO™ PLY 4



500

## PANO™ PLY 6



506

### Fiberglass Reinforced Ply Sheet

- ASTM D2178 Type VI; UL 55A Type G1
- Listed in various fire assemblies
- FM Approved

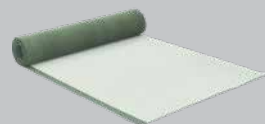
Approx. Wt./Roll: 42 lbs. [19.5 kg]  
 Coverage: 5 square  
 Width: 39 3/8" [1 m]  
 Length: 165' [50.3 m]  
 Rolls/Pallet: 25

### Fiberglass Reinforced Cap Sheets

- ASTM D3909; UL 55A Type G3
- Listed in various fire assemblies
- FM Approved

Approx. Wt./Roll: 75 lbs. [3 kg]  
 Coverage: 1 square  
 Width: 39 3/8" [1 m]  
 Length: 33' [10.1 m]  
 Rolls/Pallet: 30

## PANO™ CAP



502/502-S



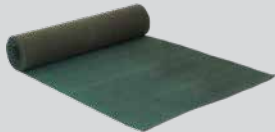
# OMNISEAL™ LINE

The high-performance OmniSeal™ System features self-adhering membranes made of durable SBS polymer modified asphalt. This easy-to-install system offers multiple assembly options for two- and three-ply roofing systems. OmniSeal™ membranes provide exceptional adhesive properties and superior strength.

*For detailed color information, please refer to the color chart on page 14.*



## OMNISEAL™ BASE



410

### SBS Polymer Modified Fiberglass Base Sheet

- ASTM D4601 Type II
- Listed in various fire assemblies

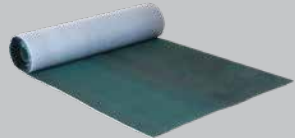
Approx. Wt./Roll: 80 lbs. (36.3 kg)  
 Coverage: 2 square  
 Width: 39 3/8" [1 m]  
 Length: 66' [20.1 m]  
 Rolls/Pallet: 20

### SBS Polymer Modified Self-Adhering Fiberglass Base/Ply Sheet

- ASTM D1970; ASTM D4601; ASTM D6163 Type I
- Listed in various fire assemblies
- FM Approved

Approx. Wt./Roll: 80 lbs. (36.3 kg)  
 Coverage: 2 square  
 Width: 39 3/8" [1 m]  
 Length: 66' [20.1 m]  
 Rolls/Pallet: 20

## OMNISEAL™ PLY



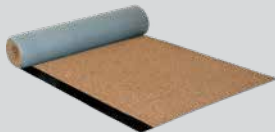
420

### SBS Polymer Modified Self-Adhering Fiberglass Cap Sheet

- ASTM D3909; ASTM D7530; UL 2218A Class 4
- Listed in ASTM E108 Class B and C roof assemblies

Approx. Wt./Roll: 78 lbs. (35.4 kg)  
 Coverage: 1 square  
 Width: 39 3/8" [1 m]  
 Length: 34' [10.4 m]  
 Rolls/Pallet: 20

## OMNISEAL™ CAP



430

### SBS Polymer Modified Self-Adhering Fiberglass Cap Sheet

- ASTM D1970; ASTM D3909; ASTM D7530; ASTM D6163 Type I, Grade G; UL 2218A Class 4
- Listed in ASTM E108 Class A and B roof assemblies

Approx. Wt./Roll: 88 lbs. (40 kg)  
 Coverage: 1 square  
 Width: 39 3/8" [1 m]  
 Length: 34' [10.4 m]  
 Rolls/Pallet: 20

## OMNISEAL™ CAP FR



436



# OUR COMMITMENT TO COMMERCIAL QUALITY

Malarkey offers a full line of advanced commercial roofing systems for low slope roofing applications and competitive warranties. Contact your regional Malarkey Representative or Malarkey's Technical Services Department at 800-545-1191 for more details.

## SYSTEM OPTIONS

Since 1976, Malarkey Roofing Products® has offered a variety of SBS polymer modified and conventional multi-ply roofing systems. The redundant layers of these durable multi-ply systems provide long-term roofing solutions with high-tensile strength, superior granule retention, and reflective granules for UV protection, weatherability, and solar reflectance. Malarkey's multi-ply bituminous systems offer time-tested protection with over 35 years of proven product engineering experience.

- Conventional Multi-Ply
- Hybrid of BUR and Modified Bitumen
- Fully Modified
- Torch SBS
- Cold and Modified Cold Process
- Self-Adhering



## COLOR OPTIONS

Malarkey's Pano™, Paragon®, and OmniSeal™ cap sheets offer a variety of color options to accentuate the roof or coordinate with Malarkey shingle colors.

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

# SUPPORT YOUR SYSTEMS WITH QUALITY COMPONENTS

There are a variety of application options available including asphalt, no-smell asphalt, SEBS asphalt, torch-applied sheets, cold process adhesives, and self-adhering options. For links to our affiliates, visit our Systems Components page: [www.malarkeyroofing.com/system-components](http://www.malarkeyroofing.com/system-components)



BLUE RIDGE FIBERBOARD



Millennium Adhesives



CMI/No Smell™



OMG Roofing Products



Crafco, Inc. Preservation Products



Polyset®



Georgia-Pacific DensDeck®



RMax®



HAL Industries



Trumbull® Asphalt



Hunter Panels



United Asphalts



Insulfoam



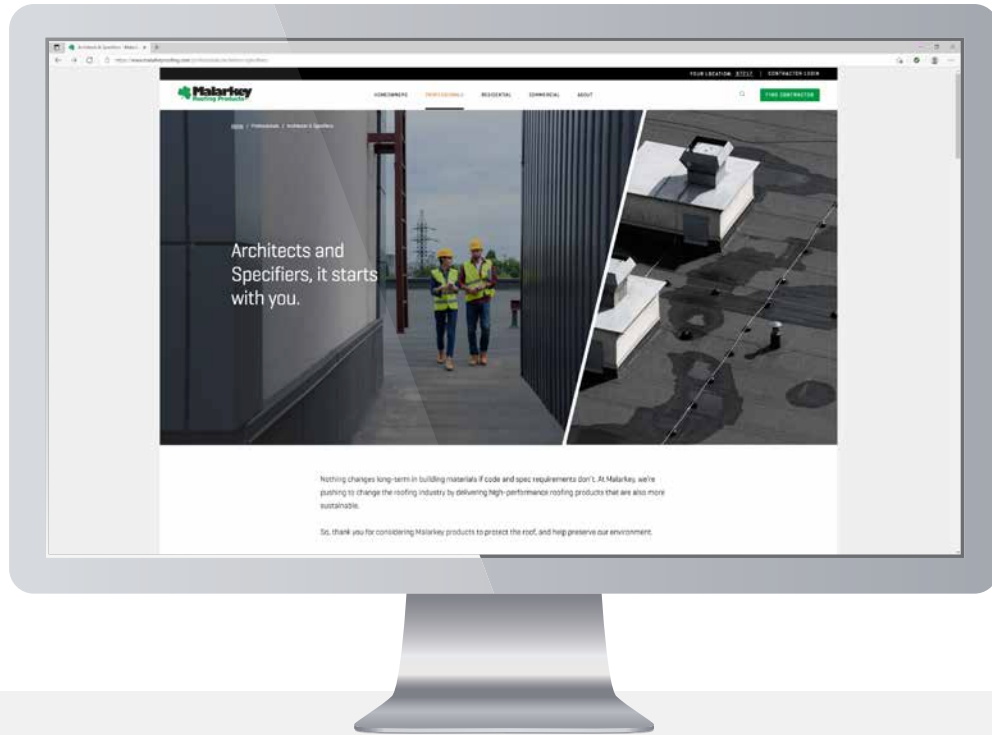
World Oil



Karnak



# VISIT US ONLINE FOR HELPFUL RESOURCES



## ARCHITECTURAL RESOURCES

Complete CSI 3-part architectural specifications for Malarkey Shingles, Built-Up Bituminous Roofing, and Modified Bituminous Membrane Roofing, plus related CAD drawing details can easily be downloaded and customized by visiting [www.malarkeyroofing.com/professionals/architects-specifiers](http://www.malarkeyroofing.com/professionals/architects-specifiers)



## SYSTEM SPECIFICATION KEY

Reference the last page of our Product Data Guide at [www.malarkeyroofing.com/document/product-data-guide](http://www.malarkeyroofing.com/document/product-data-guide) to find the System Specification Key

## PRODUCT INFO AND MORE

Find Technical and Safety Data, Installation Instructions, Spec Sheets, and much more on [www.malarkeyroofing.com](http://www.malarkeyroofing.com)



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