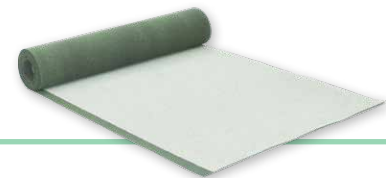


**TECHNICAL DETAILS**

<b>WEIGHT</b> 105 lbs. 48 kg	<b>ROLL SIZE</b> 1 square roll
<b>WIDTH</b> 39 <sup>3</sup> / <sub>8</sub> " 1 m	<b>LENGTH</b> 32' 9" 10 m
<b>THICKNESS</b> 173 mils nominal	<b>TOTAL AREA PER ROLL</b> 107.5 ft <sup>2</sup> 10 m <sup>2</sup>
<b>ROLLS/PALLET</b> 20 from OR/CA/OK	

**PREMIUM  
SBS POLYMER MODIFIED  
GRANULE-SURFACED  
POLYESTER CAP SHEET**



**TEST COMPLIANCE**

<b>ASTM</b> D6164 Type I, Grade G	
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**FEATURES & BENEFITS**

- Fire-resistant; UL fire-rated Class A
- Made with premium SBS polymer modified asphalt
- High tear strength; puncture resistant
- Temperature stability up to 250°F

**COMPATIBLE ADHESIVES**



**PRODUCT USE**

640 Paragon<sup>®</sup> POLY Cap is a premium, fire-rated, granule-surfaced cap sheet manufactured to meet the needs of a high-performance, SBS polymer modified roofing system. Paragon<sup>®</sup> POLY Cap is the ideal surface membrane for multi-ply, Class A roofing systems and can be applied with hot mopping asphalt, SEBS mopping asphalt, or cold process adhesives. Consult Malarkey's Technical Services Department for approval of roof systems.

**COMPOSITION & MATERIALS**

Paragon<sup>®</sup> POLY Cap is manufactured on a non-woven polyester mat and fiberglass strands for enhanced dimensional stability, high-tear strength, and puncture resistance. It is saturated and coated with a high quality asphaltic bitumen and SBS elastomers for a durable, flexible, and easily maintainable surface membrane. The topside edge of the sheet has a 4" (102 mm) selvage for lap joint seams.

**APPLICATION/INSTALLATION**

Paragon<sup>®</sup> POLY Cap shall be applied as specified. Roof decks should be sound, dry, smooth, meet necessary local requirements, and provide positive drainage. Do not apply wet membrane sheets. See Malarkey's Specification Manual for specific installation instructions, and/or contact our Technical Services Department for details.

**STORAGE & HANDLING**

Paragon<sup>®</sup> POLY Cap requires dry storage and protection from the weather prior to, and during, application. Store on end on a flat, dry surface. When handling, avoid damage to roll edges as this may make installation difficult.

**WARRANTY**

Malarkey Roofing Products<sup>®</sup> offers various warranties to meet specific requirements. The warranty package for Paragon<sup>®</sup> POLY Cap includes 5, 10, 15, 20, 25, and 30-year limited and unlimited coverage. Contact your roofer, local distribution center, or Malarkey for full details. See below for TECHNICAL ASSISTANCE contact information.

Paragon<sup>®</sup> POLY Cap and other Malarkey products are available throughout North America and Pacific Rim countries.

Visit [WWW.MALARKEYROOFING.COM](http://WWW.MALARKEYROOFING.COM) for additional product information and availability.

Note: Malarkey Roofing Products<sup>®</sup> inventory SKU number for this product: 640 Paragon<sup>®</sup> POLY Cap

**TECHNICAL ASSISTANCE:**

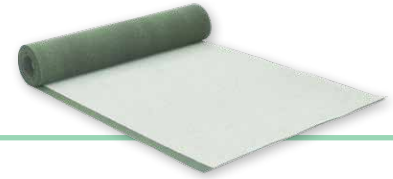
Malarkey has technical services assistance available. Contact Malarkey for details: Call weekdays 7:00 am to 5:00 pm PST, at 800.545.1191 or 503.283.1191. [technicalinquiries@malarkeyroofing.com](mailto:technicalinquiries@malarkeyroofing.com)

**CORPORATE OFFICE:**

3131 N. Columbia Blvd. Telephone: 503.283.1191  
Portland, OR 97217-7472 or 800.545.1191  
P.O. Box 17217 Fax: 503.289.7644  
Portland, OR 97217-0217

Effective 1/19  
Supersedes all previously published data  
Check for most current version on our website.

PREMIUM  
SBS POLYMER MODIFIED  
GRANULE-SURFACED  
POLYESTER CAP SHEET



PHYSICAL PROPERTIES (ASTM D5147)	ASTM D6164 MINIMUM STANDARD	TYPICAL RESULTS
Tensile strength (lbf/in), 0°F (MD/XMD)	70 lbf/in	118/97 lbf/in
Tensile strength (lbf/in), 73°F (MD/XMD)	50 lbf/in	105/78 lbf/in
Elongation (% @ max load), 0°F (MD/XMD)	20%	30/26%
Elongation (% @ max load), 73°F (MD/XMD)	35%	55/57%
Elongation (% @ 5% max load), 73°F (MD/XMD)	38%	57/68%
Tear strength (lbf), (MD/XMD), 73°F, min	55 lbf	116/92 lbf
Low temperature flexibility, (°F), max	0°F	0°F (-18°C)
Dimensional stability, %, max	1%	<0.2%
High temperature stability, (°F)	215°F	250°F (121°C)
Granule embedment, g/m <sup>2</sup> avg. loss	<2 g	1.3

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