

TECHNICAL DETAILS

WEIGHT 100 lbs. 45.4 kg	ROLL SIZE 1 square roll
WIDTH 39 ³ / ₈ " 1 m	LENGTH 33' 6" 10.2 m
THICKNESS 130 mils nominal	GRANULE ADHESION 0.4 g Typical Results
ROLLS/PALLET 25 from OR/CA/OK	TOTAL AREA PER ROLL 109.9 sq. ft. 10.2 m ²

TEST COMPLIANCE

ASTM D6163 Type I, Grade G	ASTM D3909
ASTM E108 Class A Fire Rating	
	
CEC Title 24, Part 6 Compliant	

See page 2 for solar reflectance technical data.

FEATURES & BENEFITS

- Made with premium SBS polymer modified asphalt
- Granule surface w/ reflective coating offers UV protection, weatherability and solar reflectance
- Fire resistant

COMPATIBLE ADHESIVES



**PREMIUM
SBS POLYMER MODIFIED
REFLECTIVE COATED
GRANULE-SURFACED
FIBERGLASS CAP SHEET**



PRODUCT USE

626 Paragon[®] RCAP[™] is a fire-rated, highly reflective mineral cap sheet, manufactured to meet the needs of a high-performance, built-up, polymer modified roofing system. 626 Paragon[®] RCAP[™] sheet can be applied with hot mopping asphalt, SEBS mopping asphalt or cold process adhesives. 626 Paragon[®] RCAP[™] is used as a surface sheet in many Malarkey fire-rated, polymer modified roofing systems. Please consult Malarkey's Technical Services Department for approval of roof systems.

COMPOSITION & MATERIALS

626 Paragon[®] RCAP[™] is manufactured on a non-woven fiberglass mat, impregnated and coated with a high quality, SBS polymer modified asphalt saturant that is stabilized with fire-retardant compounds. 626 Paragon[®] RCAP[™] is surfaced with ceramic granules and factory-coated with a premium acrylic coating for superior ultraviolet protection and weatherability. The topside edge of the sheet has a 3" (76 mm), unpainted granule selvage for lap joint seams.

APPLICATION/INSTALLATION

626 Paragon[®] RCAP[™] shall be applied as specified. Roof decks should be sound, dry, smooth, meet necessary local requirements, and provide positive drainage. Do not apply wet cap sheets. See Malarkey's Specification Manual for specific installation instructions, or contact our Technical Services Department for details.

STORAGE & HANDLING

626 Paragon[®] RCAP[™] requires dry storage and protection from the weather prior to, and during, application. Store on end on a flat, dry surface. Make sure not to damage roll edges, as this may make installation difficult.

WARRANTY

Malarkey Roofing Products[®] offers various warranties to meet specific requirements. The warranty package for 626 Paragon[®] RCAP[™] 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.

626 Paragon[®] RCAP[™] and other Malarkey products are available throughout North America and Pacific Rim countries.

Visit WWW.MALARKEYROOFING.COM for additional product information and availability.

Note: Malarkey Roofing Products[®] (Malarkey) inventory SKU number for this product: 626 Paragon[®] RCAP[™]

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

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 5/16
Supersedes all previously published data
Check for most current version on our website.



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SBS POLYMER MODIFIED
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PHYSICAL PROPERTIES	ASTM TEST METHOD	ASTM D6163 STANDARD TYPE I G	PARAGON [®] RCAP [™] TYPICAL RESULTS
Peak Load at 0°F (-18°C) as manufactured	D5147	70 lbf/in (12.3 kN/m) min	75 lbf/in (13.2 kN/m)
Peak Load at 0°F (-18°C) after heat conditioning	D5147	70 lbf/in (12.3 kN/m) min	75 lbf/in (13.2 kN/m)
Elongation at 0°F (-18°C) as manufactured	D5147	1% min	1%
Elongation at 0°F (-18°C) after heat conditioning	D5147	1% min	1%
Peak Load at 73.4°F (23°C) as manufactured	D5147	30 lbf/in (5.3 kN/m) min	35 lbf/in (6.2 kN/m)
Peak Load at 73.4°F (23°C) after heat conditioning	D5147	30 lbf/in (5.3 kN/m) min	35 lbf/in (6.2 kN/m)
Elongation at 73.4°F (23°C) as manufactured	D5147	2% min	3%
Elongation at 73.4°F (23°C) after HC	D5147	2% min	3%
Ultimate Elongation at 73.4°F (23°C) as manufactured	D5147	3% min	35%
Ultimate Elongation at 73.4°F (23°C) after heat conditioning	D5147	3% min	25%
Tear Strength at 73.4°F (23°C)	D5147	35 lbf (156 N) min	45 lbf (200 N)
Low temperature flexibility, max	D5147	0°F (-18°C)	Pass
Compound Stability at 215°F (102°C)	D5147	0.5% max	0.1%

Used in conjunction with a variety of Malarkey ASTM D6162 and D6163 sheets, 626 Paragon[®] RCAP[™] meets ASTM D5849 as manufactured and after heat conditioning.

SOLAR REFLECTANCE TECHNICAL DATA

Paragon[®] RCAP[™] is listed with the Cool Roof Rating Council. Paragon[®] RCAP[™] has tested to these radiative property values:



Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.

Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.

	INITIAL	WEATHERED
SOLAR REFLECTANCE	0.71	Pending
THERMAL EMITTANCE	0.90	Pending
SOLAR REFLECTIVE INDEX (SRI)	87	Pending
Related Product ID	0850-0021	
Licensed Manufacturer ID	0850	
Classification	Production Line	

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