

TECHNICAL DETAILS

WEIGHT/ROLL 100 lbs. 45.4 kg	WEIGHT/SQUARE 100 lbs. 45.4 kg
WIDTH 39 ³ / ₈ " 1 m	LENGTH 34' 10.4 m
THICKNESS 120 mils nominal	COVERAGE 1 square
ROLLS/PALLET 25 from OR/CA/OK	GRANULE ADHESION 0.45 g Typical Results

TEST COMPLIANCE

ASTM D3909	ASTM E108 Class A Fire Rating
	
	

See page 2 for solar reflectance technical data.

FEATURES & BENEFITS

- Made with SBS polymer modified asphalt
- Approved for use on all fire-rated built-up roofing systems
- Max UV protection and weatherability
- Fiberglass cap sheet
- Fire resistant

COMPATIBLE ADHESIVES



SBS POLYMER MODIFIED GRANULE-SURFACED FIBERGLASS CAP SHEET



PRODUCT USE

601 Paragon[®] MOD Cap with fiberglass mat is a fire-rated (FR) mineral cap sheet manufactured to meet the needs of a high-performance, high-quality built-up roofing system. 601 Paragon[®] MOD Cap can be applied with hot mopping asphalt or cold process adhesives, and is approved for use on all fire-rated built-up roofs. Please consult Malarkey's Technical Services Department for approval of roof systems.

COMPOSITION & MATERIALS

601 Paragon[®] MOD Cap is manufactured on a fiberglass mat, uniformly impregnated and coated on both sides with SBS polymer modified asphalt compounded with a fire-retardant mineral stabilizer and surfaced with ceramic granules for ultraviolet protection and weatherability. The topside edge of the sheet has a 4" (102 mm) selvage for lap joint seams.

APPLICATION/INSTALLATION

601 Paragon[®] MOD Cap shall be applied as specified. Roof decks should be sound, dry, smooth, meet necessary local requirements, and provide positive drainage. See Malarkey's Specification Manual for instructions, or contact our Technical Services Department for details.

STORAGE & HANDLING

For best results, Malarkey recommends 601 Paragon[®] MOD Cap be protected from the weather and stored on end in a cool, dry, well-ventilated area until applied. Do not apply wet cap sheets.

WARRANTY

Malarkey Roofing Products[®] offers various warranties to meet specific requirements. The warranty package for 601 Paragon[®] MOD Cap includes 5, 10, 15, and 20-year limited and unlimited coverage. Contact your roofer, local distribution center or Malarkey for full details. See below for TECHNICAL ASSISTANCE contact information.

601 Paragon[®] MOD Cap 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: 601 Paragon[®] MOD 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

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



SBS POLYMER MODIFIED GRANULE-SURFACED FIBERGLASS CAP SHEET

PHYSICAL PROPERTIES	ASTM TEST METHOD	ASTM D3909 STANDARD SPECIFICATIONS	PARAGON® MOD CAP TYPICAL RESULTS
Peak Load at 73.4°F (23°C) as manufactured, MD, lbf/in (kN/m)	D5147	(N/A)	75 (13.1)
Peak Load at 73.4°F (23°C) as manufactured, CD, lbf/in (kN/m)	D5147	(N/A)	50 (8.7)
Pliability at 73.4°F (23°C)	D228	8/10 Pass	10/10 Pass
Pliability at 32°F (0°C)	D228	(N/A)	10/10 Pass
Mass per unit area of granule-surfaced sheet, min, lb/100 ft² (g/m²)	D228	63.2 (3085)	90 (4390)
Mass Loss and Behavior on Heating, Volatile Loss	D228	1.5% Max	<0.1%
Mass Loss and Behavior on Heating, compound stability (sliding of surfacing), 176°F (80°C)	D228	1/16" Max	None
Moisture, % at manufacture	D228	1.0 Max	Pass
Granular Embedment, Adhesion, gram	D4977	1.0	0.45 g
Thickness (granulated surface), mils (mm)	D5147	(N/A)	120 (3)

601 Paragon Mod Cap is an SBS modified cap sheet that meets the requirements of ASTM D3909 and when used in approved systems, is Class A fire rated with Underwriters Laboratories and Intertek Testing Services. It can also be used as a component in FM systems. Contact Malarkey technical services for more details.

SOLAR REFLECTANCE TECHNICAL DATA

Paragon® MOD Cap™ is listed with the Cool Roof Rating Council.
 Paragon® MOD Cap™ 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	0.28	0.29
THERMAL EMITTANCE	0.90	0.92
SOLAR REFLECTIVE INDEX (SRI)	29	31
Related Product ID	0850-0001	
Licensed Manufacturer ID	0850	
Classification	Production Line	

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