



TECHNICAL DETAILS

WEIGHT 100 lbs. 45.4 kg	ROLL SIZE 1 square roll
WIDTH 39 ³ / ₈ " 1 m	LENGTH 34' 10.4 m
TOTAL AREA PER ROLL 111.6 ft ² 10.4 m ²	THICKNESS 150 mils nominal
ROLLS/PALLET 20	GRANULE ADHESION 0.4 g Typical Results

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



TEST COMPLIANCE

ASTM D6163 Type I, Grade G	ASTM E108 Class A Fire Rating
CODE APPROVAL CCRR-0333	
	

PRODUCT USE

625 Paragon® ULTRA Cap is a fire-rated mineral cap sheet manufactured to meet the needs of a high-performance, polymer modified roofing system. Paragon® ULTRA Cap sheet can be applied with hot mopping asphalt, SEBS mopping asphalt, or cold process adhesives. Paragon® ULTRA Cap is used as a surface sheet for multi-ply Class "A" roofing systems. Please consult Malarkey's Technical Services Department for approval of roof systems.

COMPOSITION & MATERIALS

Paragon® ULTRA Cap is manufactured on a non-woven fiberglass mat and coated with a high quality SBS polymer modified asphalt saturant stabilized with fire-retardant compounds. Paragon® ULTRA Cap is surfaced with Dove White ceramic granules for ultraviolet protection and superior weatherability. The topside edge of the sheet has a 4" (102 mm) selvage for lap joint seams.

APPLICATION/INSTALLATION

Paragon® ULTRA 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 cap sheets. See Malarkey's Specification Manual for specific installation instructions, or contact our Technical Services Department for details.

FEATURES & BENEFITS

- Made with premium SBS polymer modified asphalt
- Approved for use on all fire-rated, polymer modified roofing systems
- Offered in Dove White

STORAGE & HANDLING

Paragon® ULTRA Cap 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.

COMPATIBLE ADHESIVES



WARRANTY

Malarkey Roofing Products® offers various warranties to meet specific requirements. The warranty package for Paragon® ULTRA 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® ULTRA 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® inventory SKU number for this product: 625 Paragon® ULTRA Cap

TECHNICAL ASSISTANCE:

Malarkey has technical services assistance available. Contact Malarkey for details:
Call weekdays 7:00 am to 5:00 pm Pacific Time 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 1/21
Supersedes all previously published data
Check for most current version on our website.

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



PHYSICAL PROPERTIES	ASTM TEST METHOD	ASTM D6163 STANDARD TYPE I G	PARAGON® ULTRA CAP 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%
Granule embedment, g, max	D4977	2 g	0.4 g

Used in conjunction with a variety of Malarkey ASTM D6162 or D6163 sheets, 625 Paragon® ULTRA Cap meets ASTM D5849 as manufactured and after heat conditioning.

Effective 1/21
Supersedes all previously published data
Check for most current version on our website.

TECHNICAL ASSISTANCE:
Malarkey has technical services assistance available.
Contact Malarkey for details:
Call weekdays 7:00 am to 5:00 pm Pacific Time
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