



TECHNICAL DETAILS

WEIGHT 107 lbs. 48.5 kg	ROLL SIZE 1 square roll
WIDTH 39 ³ / ₈ " 1 m	LENGTH 34' 10.4 m
TOTAL AREA PER ROLL 111.6 sq. ft. 10.4 m ²	THICKNESS 150 mils nominal
ROLLS/PALLET 20	GRANULE ADHESION 0.4 g Typical Results

TEST COMPLIANCE

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

FEATURES & BENEFITS

- Made with premium SBS polymer modified asphalt
- Adhesive or torch-applied
- Can be used in flashing assemblies
- Fire retardant

COMPATIBLE ADHESIVES



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



PRODUCT USE

630 Paragon® ULTRA TG Cap is a fire-rated mineral cap sheet manufactured to meet the needs of a high-performance, built-up, polymer modified roofing system. 630 Paragon® ULTRA TG Cap sheet is designed to be torch-applied, but may also be applied using cold process adhesives, hot mopping asphalt, or SEBS mopping asphalt. Heat welding the seams is an option when applying with cold adhesives. 630 Paragon® ULTRA TG Cap is used as a surface field sheet or flashing in many Malarkey fire-rated systems. Please consult Malarkey's Technical Services Department for approval of roof systems.

COMPOSITION & MATERIALS

630 Paragon® ULTRA TG Cap is manufactured on a non-woven fiberglass mat, and impregnated and coated with a high quality, SBS polymer modified asphalt saturant stabilized with fire-retardant compounds. 630 Paragon® ULTRA TG Cap is surfaced with 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

630 Paragon® ULTRA TG 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, or contact our Technical Services Department for details.

STORAGE & HANDLING

630 Paragon® ULTRA TG 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.

WARRANTY

Malarkey Roofing Products® offers various warranties to meet specific requirements. The warranty packages available for systems using 630 Paragon® ULTRA TG Cap include 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.

630 Paragon® ULTRA TG 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: 630 Paragon® ULTRA TG 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

PREMIUM
SBS POLYMER MODIFIED
GRANULE-SURFACED
TORCH GRADE
FIBERGLASS CAP SHEET



PHYSICAL PROPERTIES	ASTM TEST METHOD	ASTM D6163 STANDARD TYPE I G	PARAGON [®] ULTRA TG CAP TYPICAL RESULTS
Peak Load at 0°F (-18°C) as manufactured	D5147	70 lbf/in. (12.3 kN/m) min	85 lbf/in. (15 kN/m)
Peak Load at 0°F (-18°C) after heat conditioning	D5147	70 lbf/in. (12.3 kN/m) min	85 lbf/in. (15 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 heat conditioning	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	55 lbf (275 N)
Low temperature flexibility, max	D5147	0°F (-18°C)	Pass
Dimensional stability	D5147	0.5% max	0.1%
Compound stability at 215°F (102°C)	D5147	No Failures	No Failures
Granule embedment, g, (max)	D4977	2 g	0.4 g
Bottom coating thickness, min, mm [mils]	D5147	1.0 [40]	Pass

Used in conjunction with a variety of Malarkey ASTM D6162 and D6163 sheets, 630 Paragon[®] ULTRA TG Cap meets ASTM D5849 as manufactured and after heat conditioning.

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