



**TECHNICAL DETAILS**

<b>WEIGHT</b> 76 lbs. 34.5 kg	<b>ROLL SIZE</b> 1 square roll
<b>WIDTH</b> 39 <sup>3</sup> / <sub>8</sub> " 1 m	<b>LENGTH</b> 33' 10.1 m
<b>THICKNESS</b> 138 mils nominal	<b>TOTAL AREA PER ROLL</b> 108.3 sq. ft. 10.2 m <sup>2</sup>
<b>ROLLS/PALLET</b> 28 from OR/CA/OK	

**LAY LINES**

2", 4", 12<sup>1</sup>/<sub>2</sub>", 18<sup>3</sup>/<sub>4</sub>"  
51 mm, 102 mm, 318 mm, 476 mm

**TEST COMPLIANCE**

<b>ASTM</b> D6163 Type I, Grade S	<b>ASTM</b> E108 Class A Fire Rating
	

**FEATURES & BENEFITS**

- Ideal for use as a base or ply sheet in torch-applied sbs roofing systems
- Made with premium SBS polymer modified asphalt
- Fire resistant

**COMPATIBLE ADHESIVES**



## PREMIUM SBS POLYMER MODIFIED TORCH GRADE FIBERGLASS BASE SHEET



**PRODUCT USE**

620 Paragon<sup>®</sup> ULTRA TG Base is a durable and resilient, SBS polymer modified bitumen membrane developed for torch-applied SBS roofing systems. This high-performance material is ideal for use over various decks as the base or interply sheet in a multi-ply roof system. 620 Paragon<sup>®</sup> ULTRA TG Base can be used in many Malarkey fire-rated, polymer modified roofing systems using a torch or heat welder. The base sheet may also be used in cold applied systems, hot mopping asphalt, or with SEBS mopping asphalt. Please consult Malarkey's Technical Services Department for approval of roof systems.

**COMPOSITION & MATERIALS**

620 Paragon<sup>®</sup> ULTRA TG Base is manufactured on a non-woven fiberglass mat, impregnated and coated with a high quality, SBS polymer modified bitumen saturant. 620 Paragon<sup>®</sup> ULTRA TG Base is coated with mineral fines, top and bottom, and has eight lay lines, creating a user-friendly sheet for either a base or ply sheet.

**APPLICATION/INSTALLATION**

620 Paragon<sup>®</sup> ULTRA TG Base 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**

620 Paragon<sup>®</sup> ULTRA TG Base requires dry storage and protection from the weather prior to application, as well as 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<sup>®</sup> offers various warranties to meet specific requirements. The warranty packages available for systems using 620 Paragon<sup>®</sup> ULTRA TG Base 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.

620 Paragon<sup>®</sup> ULTRA TG Base 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> (Malarkey) inventory SKU number for this product: 620 Paragon<sup>®</sup> ULTRA TG Base

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



**PREMIUM  
SBS POLYMER MODIFIED  
TORCH GRADE FIBERGLASS  
BASE SHEET**

PHYSICAL PROPERTIES	ASTM TEST METHOD	ASTM D6163 STANDARD TYPE I S	PARAGON <sup>®</sup> ULTRA TG BASE TYPICAL RESULTS
Peak Load at 0°F (-18°C) as manufactured	D5147	70 lbf/in (12.3 kN/m) min	80 lbf/in (14.0 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	2%
Elongation at 0°F (-18°C) after heat conditioning	D5147	1% min	2%
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	7%
Tear Strength at 73.4°F (23°C)	D5147	35 lbf (156 N) min	40 lbf (200 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

Used in conjunction with a variety of Malarkey ASTM D6162 or D6163 sheets, 620 Paragon<sup>®</sup> ULTRA TG Base meets ASTM D5849 as manufactured and after heat conditioning.

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