



**TECHNICAL DETAILS**

<b>WEIGHT</b> 90 lbs. 40.8 kg	<b>ROLL SIZE</b> 1.5 square roll
<b>WIDTH</b> 39 <sup>3</sup> / <sub>8</sub> " 1 m	<b>LENGTH</b> 50' 15.2 m
<b>THICKNESS</b> 100 mils nominal	<b>TOTAL AREA PER ROLL</b> 164 sq. ft. 15.2 m <sup>2</sup>
<b>ROLLS/PALLET</b> 20 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> D6162 Type II, Grade S	<b>ASTM</b> E108 Class A Fire Rating
	

**FEATURES & BENEFITS**

- High tensile strength
- Made with premium SBS polymer modified asphalt
- Also recommended for flashing assemblies
- Fire Resistant

**COMPATIBLE ADHESIVES**



## PREMIUM SBS POLYMER MODIFIED HIGH-TENSILE FIBERGLASS/ POLYESTER SCRIM BASE SHEET



**PRODUCT USE**

606 Paragon® DUO Base is a high-tensile, polyester/fiberglass combination base sheet manufactured to meet the needs of a high-performance, built-up SBS polymer modified roofing system; in fact, it is approved for use in many Malarkey fire-rated, SBS roofing systems. 606 Paragon® DUO Base is recommended for use in flashing assemblies as well as a base/interply sheet in the field. 606 Paragon® DUO Base sheet can be applied with hot mopping asphalt, SEBS mopping asphalt or cold process adhesives. Please consult Malarkey's Technical Services Department for approval of roof systems.

**COMPOSITION & MATERIALS**

606 Paragon® DUO Base is manufactured on a non-woven fiberglass mat with a polyester scrim and impregnated and coated with a high quality SBS polymer modified asphalt saturant stabilized with select mineral fillers. 606 Paragon® DUO Base is surfaced with mineral fines on both sides of the sheet and marked with eight lay lines.

**APPLICATION/INSTALLATION**

606 Paragon® DUO 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 base sheets. See Malarkey's Specification Manual for specific installation instructions or contact our Technical Services Department for details.

**STORAGE & HANDLING**

606 Paragon® DUO Base should be stored in a cool, dry area, protected from the weather prior to application, as well as during time of 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 606 Paragon® DUO 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.

606 Paragon® DUO 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® (Malarkey) inventory SKU number for this product: 606 Paragon® DUO 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  
Portland, OR 97217-7472 or 800.545.1191  
P.O. Box 17217 Fax: 503.289.7644  
Portland, OR 97217-0217

Effective 7/15  
Supersedes all previously published data  
Check for most current version  
on our website.



PREMIUM  
SBS POLYMER MODIFIED  
HIGH-TENSILE FIBERGLASS/  
POLYESTER SCRIM  
BASE SHEET

PHYSICAL PROPERTIES	ASTM TEST METHOD	ASTM D6162 STANDARD TYPE II S	PARAGON® ULTRA BASE TYPICAL RESULTS
Peak Load at 0°F (-18°C) as manufactured	D5147	125 lbf/in (21.9 kN/m) min	130 lbf/in (22.8 kN/m)
Peak Load at 0°F (-18°C) after heat conditioning	D5147	125 lbf/in (21.9 kN/m) min	130 lbf/in (22.8 kN/m)
Elongation at 0°F (-18°C) as manufactured	D5147	2% min	6%
Elongation at 0°F (-18°C) after heat conditioning	D5147	2% min	6%
Peak Load at 73.4°F (23°C) as manufactured and after heat aging	D5147	80 lbf/in (14 kN/m) min	85 lbf/in (14.8 kN/m)
Elongation at 73.4°F (23°C) as manufactured and after heat aging	D5147	4% min	12%
Ultimate Elongation at 73.4°F (23°C) as manufactured	D5147	75% min	75%
Ultimate Elongation at 73.4°F (23°C) after heat conditioning	D5147	30% min	30%
Tear Strength at 73.4°F (23°C)	D5147	90 lbf (400 N) min	95 lbf (420 N)
Low temperature flexibility, max, as manufactured and after heat conditioning	D5147	0°F (-18°C)	Pass
Dimensional Stability at 215°F (102°C)	D5147	0.5% max	0.1%
Compound Stability @ 107°C	D5147	No failures	Pass

Used in conjunction with many of Malarkey's ASTM D6162 or D6163 sheets, 606 Paragon® DUO Base meets ASTM D5849 as manufactured and after heat conditioning.

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