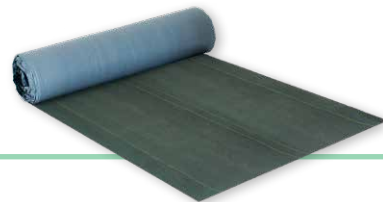





TECHNICAL DETAILS

WEIGHT 85 lbs. 38.6 kg	ROLL SIZE 1 square roll
WIDTH 39 ³ / ₈ " 1 m	LENGTH 33' 10.1 m
THICKNESS 138 mils nominal	TOTAL AREA PER ROLL 108.3 sq. ft. 10.1 m ²
PERM RATING ≤ 0.1 U.S. perms	ROLLS/PALLET 20 from OR/CA/OK
LAY LINES 3", 18 ¹ / ₄ " 76 mm, 464 mm	

SELF-ADHERING PREMIUM SBS POLYMER MODIFIED HIGH-TENSILE FIBERGLASS BASE SHEET


TEST COMPLIANCE

ASTM D6163 Type I, Grade S	ASTM D1970
ASTM E108 Class A Fire Rating	
	

FEATURES & BENEFITS

- Self-adhering membrane
- Made with premium SBS polymer modified asphalt
- Versatile use as a base or ply sheet
- Class I impermeable vapor retarder

COMPATIBLE ADHESIVES

PRODUCT USE

610 Paragon[®] ULTRA SA Base is a durable and resilient, self-adhering SBS polymer modified bitumen membrane developed for use in multi-ply SBS roofing systems. This high-performance sheet material is ideal for use over various decks as either the base or inter-ply sheet(s). Paragon[®] ULTRA SA Base can be used in a variety of Malarkey fire-rated, polymer modified roofing systems including self-adhering, torch or heat-welded, and hot mopping asphalt. With a perm rating of less than 0.1, Paragon[®] ULTRA SA Base is considered a Class I vapor retarder. Please consult Malarkey's Technical Services Department for approval of roof systems.

COMPOSITION & MATERIALS

Paragon[®] ULTRA SA Base is manufactured on non-woven fiberglass mat with a fiberglass scrim and impregnated and coated with a high quality, SBS polymer modified bitumen. The membrane is surfaced with mineral fines while the underside has a self-adhering bitumen formulated for optimal adhesion in low slope roofing applications and a high strength release film to protect the adhesive prior to application. Paragon[®] ULTRA SA Base has four (4) lay lines, creating a user-friendly sheet for either a base or ply sheet.

APPLICATION/INSTALLATION

Paragon[®] ULTRA SA Base shall be applied as specified, and even though self-adhering, always follow with a heavy membrane roller to promote complete adhesion. Roof substrates should be sound, dry, smooth, meet necessary local requirements, and provide positive drainage. Do not apply wet sheet materials. See Malarkey's Specification Manual for specific installation instructions, or contact our Technical Services Department for details.

STORAGE & HANDLING

Paragon[®] ULTRA SA 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. When handling, avoid damage to roll edges as this may make installation difficult.

WARRANTY

Malarkey Roofing Products[®] offers various warranties to meet specific requirements. Warranty packages available for systems using Paragon[®] ULTRA SA 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.

Paragon[®] ULTRA SA Base 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: 610 Paragon[®] ULTRA SA Base

TECHNICAL ASSISTANCE:

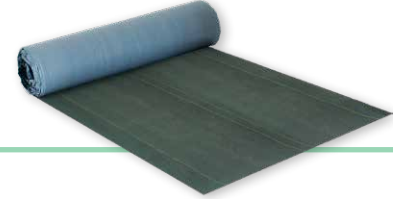
Malarkey has technical services assistance available.
Contact Malarkey for details:
Call weekdays 7:00 am to 5:00 pm Pacific Time
at 800.545.1191 or 503.283.1191.
technicalinquiries@malarkeyroofing.com

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 10/19
Supersedes all previously published data
Check for most current version
on our website.

SELF-ADHERING PREMIUM SBS POLYMER MODIFIED HIGH-TENSILE FIBERGLASS BASE SHEET



PHYSICAL PROPERTIES	ASTM TEST METHOD	ASTM D6163 STANDARD TYPE I S	PARAGON® ULTRA SA 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	70 lbf/in (12.3 kN/m)
Peak load at 73.4°F (23°C) after heat conditioning	D5147	30 lbf/in (5.3 kN/m) min	60 lbf/in (10.5 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	30%
Ultimate elongation at 73.4°F (23°C) after heat conditioning	D5147	3% min	30%
Tear strength at 73.4°F (23°C)	D5147	35 lbf (156 N) min	50 lbf (220 N)
Low temperature flexibility, max	D5147	0°F (-18°C)	0°F (-19°C)
Dimensional stability, max	D5147	0.5%	0.1%
Adhesion to plywood, 40°F	D1970	2 lbft/ft width, min	5 lbft/ft width
Adhesion to plywood, 77°F	D1970	12.0 lbft/ft width, min	29 lbft/ft width
Moisture vapor permeance, max	D1970	0.1 U.S. perms (5.7 ng/Pa.S.M. ²)	0.03 U.S. perms (1.71 ng/Pa.S.M. ²)

Used in conjunction with a variety of Malarkey ASTM D6162 or D6163 sheets, 610 Paragon® ULTRA SA Base 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
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