




TECHNICAL DETAILS

WEIGHT/ROLL 38 lbs. 17.2 kg	WEIGHT/SQUARE 7.6 lbs. 3.5 kg
WIDTH 39 ³ / ₈ " 1 m	LENGTH 165' 50.3 m
THICKNESS 30 mils nominal	COVERAGE 5 square
ROLLS/PALLET 30 from OR/CA/OK	TOTAL AREA PER ROLL 541.4 ft ² 50.3 m ²

LAY LINES

2", 9³/₈", 12¹/₂", 18³/₄"
51 mm, 238 mm, 318 mm, 476 mm

TEST COMPLIANCE

ASTM D2178 Type IV	UL RATING 55A Type G1
ASTM E108 Class A Fire Rating	
	

FEATURES & BENEFITS

- Ply sheet made with oxidized asphalt and designed for use in conventional multi-ply BUR roof systems
- Class A fire rated in approved roof systems

COMPATIBLE ADHESIVES



FIBERGLASS REINFORCED PLY SHEET



PRODUCT USE

500 Pano™ Ply 4 is an oxidized asphalt ply sheet suitable for use as an interply in multi-ply BUR roof systems. 500 Pano™ Ply 4 may be used over various combustible and non-combustible decks as the initial ply in conjunction with insulated roof systems. Please consult Malarkey's Technical Services Department for approval of roof systems.

COMPOSITION & MATERIALS

500 Pano™ Ply 4 is a ply sheet manufactured on a fiberglass mat, impregnated and coated on both sides with oxidized bitumen (asphalt), and treated with a non-stick agent to facilitate unrolling. No mineral release is used.

APPLICATION/INSTALLATION

500 Pano™ Ply 4 shall be applied as specified over base sheets and/or cover boards. Roof decks should be sound, dry, smooth, meet necessary local requirements, and provide positive drainage. Ply sheets are not recommended for cold process application. 500 Pano™ Ply 4 may be applied in cold weather, but follow cold weather application instructions and general requirements. Do not apply wet membrane sheets. See Malarkey's Specification Manual for instructions, or contact our Technical Services Department for details.

STORAGE & HANDLING

Protect 500 Pano™ Ply 4 from the weather and store rolls on end and off the floor on pallets.

WARRANTY

Malarkey Roofing Products® offers various warranties to meet specific requirements. The warranty package for 500 Pano™ Ply 4 includes 5, 10, 15, and 20-year limited and unlimited coverage. Contact your roofer, local distribution center or Malarkey for full details. See below for TECHNICAL ASSISTANCE contact information.

500 Pano™ Ply 4 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: 500 Pano™ Ply 4

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

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 6/19
Supersedes all previously published data
Check for most current version on our website.

FIBERGLASS REINFORCED PLY SHEET



PHYSICAL PROPERTIES	ASTM TEST METHOD	ASTM D2178 STANDARD SPECIFICATIONS	PANO™ PLY 4 TYPICAL RESULTS
Break Strength, 73.4°F (23°C) as manufactured, Longitudinal, min, lbf/in (kN/m)	D146	44 (7.7)	70 (12.3)
Break Strength, 73.4°F (23°C) as manufactured, Transverse, min, lbf/in (kN/m)	D146	44 (7.7)	50 (8.8)
Net dry mass— asphalt impregnated glass felt minimum g lb/100 ft ² (g/m ²) (non-mineral parting agent), Average all rolls	D228	6.2 (303)	7.2 (351)
Mass of desaturated glass mat, min, lb/100 ft ² (g/m ²)	D228	1.7	1.77
Asphalt, min, lb/100 ft ² (g/m ²)	D228	3.0 (146)	4.8 (233)
Moisture, % at manufacture	D228	1	<1.0

500 Pano™ Ply 4 is a fiberglass reinforced ply sheet that meets the requirements of ASTM D2178 and when used in approved systems, is Class A fire rated with Underwriters Laboratories and Intertek Testing Services. It can also be used as a component in FM systems. Contact Malarkey's Technical Services Department for details.

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