




TECHNICAL DETAILS

WEIGHT/ROLL 75 lbs. 34.2 kg	COVERAGE 3 square
WIDTH 39 ³ / ₈ " 1 m	LENGTH 99' 30.2 m
TOTAL AREA PER ROLL 325 ft ² 30.2 m ²	THICKNESS 50 mils nominal
ROLLS/PALLET 20	

LAY LINES

2", 4", 12¹/₂", 18³/₄"
51 mm, 102 mm, 318 mm, 476 mm

TEST COMPLIANCE

ASTM D4601 Type II	ASTM E108 Class A Fire Rating
CODE APPROVAL CCRR-0333	
	

FEATURES & BENEFITS

- Made with oxidized bitumen asphalt
- Base sheet for use in conventional multi-ply BUR roof systems

COMPATIBLE ADHESIVES



FIBERGLASS REINFORCED BASE SHEET



PRODUCT USE

515 Pano™ Base is suitable for use as a base sheet for hot asphalt or cold process application. This quality base sheet may be used over various combustible and non-combustible decks as the initial ply for specified roof systems. It is approved for use on all fire-rated built-up roofing. Please consult Malarkey Technical Services for approval of roof systems.

COMPOSITION & MATERIALS

Pano™ Base is manufactured on a non-woven fiberglass mat, impregnated and coated on both sides with oxidized bitumen (asphalt), and surfaced with a mineral release material.

APPLICATION/INSTALLATION

Pano™ Base shall be applied as specified. See Malarkey Specification Manual for specific installation instructions, including cold weather application instructions and general requirements. Contact Malarkey's Technical Services Department for details.

STORAGE & HANDLING

Pano™ Base requires dry storage and protection from the weather. Roof decks should be sound, dry, smooth, meet necessary local requirements, and provide positive drainage. Do not apply wet membrane sheets.

WARRANTY

Malarkey Roofing Products® offers various warranties to meet specific requirements. The warranty package for Pano™ Base 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.

Pano™ 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: 515 Pano™ 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 01/21
Supersedes all previously published data

Check for most current version on our website.

FIBERGLASS REINFORCED BASE SHEET



PHYSICAL PROPERTIES	ASTM TEST METHOD	ASTM D4601, TYPE II STANDARD SPECIFICATIONS	PANO™ BASE TYPICAL RESULTS
Break Strength, 73.4°F (23°C) as manufactured, MD, min, lbf/in (kN/m)	D146	44 (7.7)	70 (12.2)
Break Strength, 73.4°F (23°C) as manufactured, CD, min, lbf/in (kN/m)	D146	44 (7.7)	50 (8.75)
Pliability at 73.4°F (23°C)	D228	9/10 pass	10/10 Pass
Net dry mass—coated sheet minimum g lb/100 ft ² (g/m ²)	D228	15.5 (756)	23.1 (1127)
Mass of desaturated glass mat, min, lb/100 ft ² (g/m ²)	D228	1.7 (83)	1.8 (88)
Asphalt, min, lb/100 ft ² (g/m ²)	D228	7.0 (342)	8.2 (400)
Moisture, % at manufacture	D228	1	<1.0
Thickness (granulated surface), mils (mm)	D5147	N/A	50 (1.3)

515 Pano™ Base is a fiberglass base sheet that meets the requirements of ASTM D4601, Type II 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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