




TECHNICAL DETAILS

WEIGHT/ROLL 75 lbs. 34 kg	COVERAGE 1 square
WIDTH 39 ³ / ₈ " 1 m	LENGTH 33' 10.1 m
TOTAL AREA PER ROLL 108.3 ft ² 10.1 m ²	THICKNESS 105 mils nominal
ROLLS/PALLET 30	GRANULE ADHESION 0.45 Typical Results

TEST COMPLIANCE

ASTM D3909	ASTM E108 Class A Fire Rating
UL RATING 55A Type G3	CODE APPROVAL CCRR-0333
	
	

FEATURES & BENEFITS

- Made with oxidized asphalt
- Fire-rated cap sheet for use in conventional multi-ply BUR roof systems
- Available with lay line or sand selvage

COMPATIBLE ADHESIVES



FIBERGLASS REINFORCED CAP SHEET



PRODUCT USE

502/502-S PanoTM Cap is a fire-rated (FR) cap sheet manufactured to meet the needs of a conventional, multi-ply, built-up roofing system. PanoTM Cap can be applied with hot mopping asphalt or cold process adhesives and is approved for use on all fire-rated built-up roofs. Please consult Malarkey's Technical Services Department for approval of roof systems.

COMPOSITION & MATERIALS

PanoTM Cap is manufactured on a non-woven fiberglass mat, uniformly impregnated and coated on both sides with oxidized bitumen (asphalt) compounded with a fire-retardant mineral stabilizer, and surfaced with ceramic granules for ultraviolet protection and weatherability. **PanoTM Cap is available in two SKUs to meet contractor needs: SKU 502 is fully granulated and has a painted 2" (51 mm) lay line while SKU 502-S (pictured above) has a 2" (51 mm) sand selvage.** Both designs facilitate proper lap joint seams.

APPLICATION/INSTALLATION

PanoTM Cap 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 installation instructions, or contact our Technical Services Department for details.

STORAGE & HANDLING

Protect PanoTM Cap from the weather; 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 PanoTM Cap 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.

PanoTM Cap 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 numbers for this product: 502 and 502-S PanoTM Cap

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
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Effective 01/21
Supersedes all previously published data
Check for most current version on our website.



FIBERGLASS REINFORCED CAP SHEET

PHYSICAL PROPERTIES	ASTM TEST METHOD	ASTM D3909 STANDARD SPECIFICATIONS	PANO™ CAP TYPICAL RESULTS
Average mass per roll, min, lb. (kg), 2" selvage	D228	68 (30.8)	75 (34)
Pliability at 73.4°F (23°C)	D228	8/10 Pass	10/10 Pass
Mass per unit area of granule-surfaced sheet, min, lb/100 ft ² (g/m ²)	D228	63.2 (3085)	69 (3390)
Mass loss and behavior on heating, volatile loss	D228	1.5% max	< 0.1%
Mass loss and behavior on heating, compound stability (sliding of surfacing), 176°F (80°C)	D228	1/16" max	None
Moisture, % at manufacture	D228	1.0 max	Pass
Granular embedment, adhesion, grams	D4977	1.0	0.45
Thickness (granulated surface), mils (mm)	D5147	(N/A)	105 (3)

Pano™ Cap is a conventional granulated asphalt roll roofing cap sheet that meets the requirements of ASTM D3909 and when used in approved systems, has Class A fire rated approvals with Underwriters Laboratories and Intertek Testing Services. It can also be used as a component in FM Approved systems. Contact Malarkey Technical Services for more details.

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