

TECHNICAL PRODUCT DATA SHEET

TECHNICAL DETAILS

WEIGHT/ROLL 80 lbs. (36.3 kg)

ROLL SIZE 2 square roll

widтн 39%" (1 m)

LENGTH 66' (20.1 m)

TOTAL AREA PER ROLL 216.6 ft² [20.1 m²]

THICKNESS 60 mils (nominal)

PERM RATING ≤ 0.1 (U.S. perms)

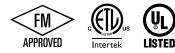
LAY LINES 2", 4", 12½", 18¾" (51 mm, 102 mm, 318 mm, 476 mm)

ROLLS/PALLET 20

TEST COMPLIANCE

ASTM D1970 ASTM D4601

ASTM E108 CLASS A, B, & C FIRE RATING



FEATURES & BENEFITS

· SBS polymer modified asphalt

· Surfaced with factory-applied

primer for enhanced adhesion

· Versatile use as a base or ply sheet

· Exceptional adhesive properties

OmniSeal[®] Ply

SBS Polymer Modified Self-Adhering Fiberglass Base/Ply Sheet

PRODUCT USE

420 OmniSeal[®] Ply is an SBS polymer modified fiberglass sheet and may be used as a base or ply sheet over various combustible and non-combustible substrates in self-adhering and torch roof systems. It is self-adhering and does not require mechanical attachment. With a perm rating of less than 0.1, OmniSeal[®] Ply is considered a Class I impermeable vapor retarder and is listed as such in various FM Approved roofing assemblies.

COMPOSITION & MATERIALS

OmniSeal[®] Ply is manufactured on a non-woven fiberglass mat and impregnated and coated on both sides with SBS polymer modified asphalt compounded with a mineral stabilizer. OmniSeal[®] Ply is finished with a factory-coated primer on its top surface to enhance adhesion while the bottom has an aggressive self-adhering bonding compound covered by a split-sheet release film to allow for easy use and application.

APPLICATION/INSTALLATION

OmniSeal[®] Ply shall be applied as specified. Roof decks should be sound, dry, smooth, meet necessary local requirements, and provide positive drainage. Do not leave OmniSeal[®] Ply exposed overnight. Install only as much material as can be covered by OmniSeal[®] Cap on the same day. Do not apply wet membrane sheets. Refer to our website at WWW.MALARKEYROOFING.COM for specific installation instructions, or contact our Technical Services Department for details.

STORAGE & HANDLING

For best results, Malarkey recommends OmniSeal[®] Ply be protected from the weather and stored on end in a cool, dry, well-ventilated area until applied.

WARRANTY

Malarkey Roofing Products[®] offers various warranties to meet specific requirements. Contact your roofer, local distribution center or Malarkey for full details. See below for TECHNICAL ASSISTANCE contact information.

OmniSeal[®] Ply 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: 420 OmniSeal® Ply

Effective 04/24 Supersedes all previously published data.

Check for most current version at **WWW.MALARKEYROOFING.COM**

Malarkey has technical services assistance available Contact Malarkey for details:

Contact Malarkey for details: Call weekdays 7:00 am to 5:00 pm Pacific Time at 800-545-1191 or 503-283-1191.

malarkey.technicalinquiries@holcim.com

TECHNICAL ASSISTANCE:

CORPORATE OFFICE: 3131 N. Columbia Blvd. Portland, OR 97217-7472 P.O. Box 17217 Portland, OR 97217-0217

TELEPHONE: 503-283-1191 or 800-545-1191 FAX: 503-289-7644 PAGE 1 OF 2

LOW SLOPE > COMMERCIAL OR RESIDENTIAL > SKU: 420



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SBS Polymer Modified Self-Adhering Fiberglass Base/Ply Sheet

PHYSICAL PROPERTIES	ASTM TEST METHOD	OMNISEAL® PLY TYPICAL RESULTS
Peak load at 73.4°F (23°C) as manufactured and after heat conditioning	D5147	50 lbf/in (12.2 kN/m)
Elongation at 73.4°F (23°C) as manufactured and after heat conditioning	D5147	4%
Elongation at 5% Peak Load 73.4°F (23°C) as manufactured and after heat conditioning	D5147	35%
Adhesion to plywood, min @ 40°F (4°C)	D903/D7530	4 lbf/ft (60 N/m)
Adhesion to plywood, min @ 73.4°F (23°C)	D903/D7530	30 lbf/ft (360 N/m)
Tear strength at 73.4°F (23°C)	D5147	68 lbf/ft (304 N)
Low temperature flexibility, max	D5147	0°F(-18°C)
Thermal stability @ 158°F (70°C)	D5147	No flow
Moisture vapor permeance, max	D1970	0.03 U.S. perms (1.71 ng/Pa.S.M.²)

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