



TECHNICAL PRODUCT DATA SHEET

601 HIGH PERFORMANCE PREMIUM SBS CAP SHEET WITH POLYGLASS® MAT

PRODUCT DESCRIPTION

Product Use: Malarkey Roofing Products™ (Malarkey) 601 High Performance Premium SBS Cap Sheet with Polyglass mat is a fire-rated (FR) mineral cap sheet manufactured to meet the needs of a high performance, quality built-up roofing system. This cap sheet can be applied with hot mopping asphalt or cold process adhesives. This product is used as a surface sheet for multiple-ply roof systems. Please consult Malarkey for approval of roof systems.

Precautions: 601 High Performance Premium SBS Cap Sheet requires dry storage and protection from the weather. Do not apply wet cap sheet. Roof decks should be sound, dry, smooth, meet necessary local requirements and provide positive drainage.

Composition and Materials: 601 High Performance Premium SBS Cap Sheet is manufactured on Malarkey polyester/glass fiber (Polyglass mat with a random pattern of wet laid polyester fibers with resin and latex). The Polyglass mat is impregnated and coated with SBS modified asphalt filled with a fire retardant stabilizer and surfaced with ceramic granules for ultraviolet protection and weatherability.

Application Standards: Approval for use on all fire-rated built-up roofs. Please consult the Malarkey Manual for specified information.

TECHNICAL DATA

Typical average properties, 4" selvage, 1 square roll:

Weight/roll	100 lbs. (46.3 Kg)	
Dimensions	39-3/8" wide x 34' long (1 m wide x 10.3 m long)	
Granule Adhesion	0.5 gram loss	
Thickness	120 mils	
Breaking Strength @ 0° F (-18° C)	MD: 125 lbs.*F/in.	XM: 100 lbs.*F/in.
Breaking Strength @ 73.4° F (23.5° C)	MD: 80 lbs.*F/in.	XM: 40 lbs.*F/in.
Elongation @ Break	MD: 4%	XM: 4%
Ultimate Elongation @ Sample Break	MD: 25%	XM: 40%
Tear Resistance	MD: 98 lbs.*F/in.	XM: 90 lbs.*F/in.

The above results per ASTM D 5147-97. Meets or exceeds ASTM D 3909-97b. Listed by FM, UL and WH.

APPLICATION PROCEDURE

601 High Performance Premium SBS Cap Sheet with Polyglass mat shall be applied as specified in the Malarkey Specification Manual with specified base sheet and interply sheets. It may be applied in cold weather. Please follow cold weather application and general requirements.

WARRANTIES

Malarkey offers various warranties to meet specific requirements. Warranty packages include 5, 10, 15 and 20-year limited and unlimited coverage. Contact Malarkey for details.

TECHNICAL SERVICES

Malarkey has technical services assistance available for all phases of built-up roof coverings and requirements. Contact Malarkey for details at (800) 545-1191 or (503) 283-1191; Weekdays 7:00 a.m. to 5:00 p.m. Pacific Time.

AVAILABILITY

Malarkey 601 High Performance Premium Polyglass SBS Cap Sheet is available throughout North America and Pacific Rim countries. Visit www.MalarkeyRoofing.com for additional product information and availability.