



TECHNICAL PRODUCT DATA SHEET

1020 ESHAlum[®] (Formerly 1020 ESHAlum[®] TORCH APPLIED SBS ALUMINUM SURFACED CAP SHEET)

PRODUCT DESCRIPTION

Product Use: Malarkey Roofing Products™ (Malarkey) 1020 ESHAlum is a fire-rated (FR) cap sheet manufactured to meet the needs of a high performance, quality built-up roofing system. This cap sheet must be applied by torch application. 1020 ESHAlum is available with a sanded back for hot asphalt application, by special order only. It carries an unlimited slope; Class A fire-rating over any deck surface when applied with the appropriate Malarkey system. Please consult Malarkey for approval of roof systems.

Precautions: 1020 ESHAlum 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: 1020 ESHAlum is manufactured using thermally stable fiberglass mat impregnated and coated with an SBS modified asphalt filled with a fire retardant stabilizer. The roofing membrane is surfaced with an embossed aluminum metal surfacing for exceptional heat reflectivity and fire resistance.

Application Standards: Approval for use on all decks with unlimited slope restrictions. Please consult the Malarkey Specification Manual for information.

TECHNICAL DATA

Typical average properties, 1 square roll:

Weight/Square	97 lbs. (43.9 kg)
Dimensions	39" wide x 33' long (1 m wide x 10 m long)
Thickness	168 mils (4.2 mm)
Selvage Edge	3" (76.2 mm)
Upperface	Aluminum
Breaking Strength @ 77° F (25° C)	MD: 136 lbs.*F/in. XM: 134 lbs.*F/in.
Compound Stability	250
Thermal Shock Resistance UEATc%	0.1

The above results per ASTM D 5147-97, ASTM D 3909-97b, ASTM D 146, ASTM D 6298-98. Listed by WH, UL & FM.

APPLICATION PROCEDURES

1020 ESHAlum shall be applied as specified in the Malarkey Specification Manual with specified base sheet and/or 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. The warranty package includes 5, 10, 15 and 20-year limited and unlimited coverage. Contact Malarkey for details.

TECHNICAL SERVICES

Malarkey has technical assistance available for all phases of built-up roof coverings and requirements. Inspectors are available for consultations, job site and final inspections. 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 1020 ESHAlum is available throughout North America and Pacific Rim countries. Visit www.MalarkeyRoofing.com for additional product information and availability.