



TECHNICAL PRODUCT DATA SHEET

500 Ply 4 (Formerly 500 PREMIUM¹™ PLY SHEET)

PRODUCT DESCRIPTION

Product Use: Malarkey Roofing Products™ (Malarkey) 500 Ply 4 is a high-strength ply sheet suitable for use as an interply in multi-ply roof systems. This high-strength ply sheet may be used over various combustible and non-combustible decks as the initial ply or in conjunction with multiple ply roof systems. Please note precautions for product limitations. Please consult Malarkey for approval of roof systems.

Precautions: Do not mechanically attach ply sheet to any deck. A base sheet should be specified for mechanical attachment. Ply sheets are not recommended for cold process application. Malarkey ply sheets require dry storage and protection from the weather. Do not apply wet ply sheets. Roof decks should be sound, dry, smooth, meet necessary local requirements and provide positive drainage.

Composition and Materials: 500 Ply 4 Sheet is manufactured with pure coating asphalt on tested Malarkey fiberglass mat and treated with a non-stick agent to facilitate unrolling. No mineral release is used.

Application Standards: Approval for use on all fire-rated roofs. See Malarkey Specification Manual for specified information.

TECHNICAL DATA

Typical average properties, 5 square roll*

Weight/roll min.	36 lbs (16.3 kg)
Weight/square	7.2 lbs. (3.27 kg)
Dimensions	39-3/8" wide x 165' long (1 m wide x 50.3 m long)
Lay Lines	2", 9-3/8", 12-1/2" and 18-3/4" minimum (50.8 mm, 238.1 mm, 317.5 mm, 476.2 mm)
Breaking Strength	44 lbs. (19.9 kg) * F/in. min., both MD & XM

Complies with ASTM D 2178-97a, Type IV and listed by FM and WH. Meets or exceeds the requirements of UL 55 A Type G I for asphalt content and minimum weight.

500 Ply 4 is also available in a 10 square roll from the Malarkey South Gate facility.

APPLICATION PROCEDURE

500 Ply 4 shall be applied as specified in Malarkey Specification Manual with a specified base sheet and/or surfacing. 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 full 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 500 Ply 4 is available throughout North America and Pacific Rim countries. Visit www.MalarkeyRoofing.com for additional product information and availability.