



TECHNICAL PRODUCT DATA SHEET

524 RCap™ Plus

PRODUCT DESCRIPTION

Product Use: Malarkey Roofing Products™ (Malarkey) 524 RCap Plus is a fire-rated (FR) cap sheet manufactured with reflective coating to meet the requirements of California Energy Code, Title 24, Part 6 as a cap sheet for conventional or Modified built-up roofing systems. This cap sheet can be applied with hot mopping asphalt as a surface sheet for multiple-ply roof systems. Please consult Malarkey for approval of roof systems.

Precautions: 524 RCap Plus requires dry storage and protection from the weather. Roof decks should be sound, dry, smooth, meet necessary local requirements and provide positive drainage.

Composition and Materials: 524 RCap Plus is manufactured on fiberglass mat. The glass mat is impregnated and coated with bitumen and fire-retardant fillers, surfaced with ceramic granules for ultraviolet protection and weatherability, then factory coated with a reflective coating.

Application Standards: Approved for use on all fire-rated built-up roofs. Contact Malarkey for details at 800-545-1191.

TECHNICAL DATA

Typical average properties, one (1) square roll:

Weight/roll	77 lbs. (35 kg)
Dimensions	39-3/8" wide x 33' long (1 m wide x 10 m long)
Coverage	One Square
Thickness	105 mils (2.6 mm)
Solar Reflectance	Initial: 0.75; Weathered: pending
Thermal Emittance	Initial: 0.86; Weathered: pending

Listed by Intertek (Warnock Hersey label). Meets or exceeds ASTM D-3909-97b (2004)e1 (prior to coating).

APPLICATION PROCEDURE

524 RCap Plus shall be applied as specified in the Malarkey Specification Manual with specified base sheet and/or interply sheets.

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 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 524 RCap Plus is available throughout North America and the Pacific Rim countries. Visit www.MalarkeyRoofing.com for additional product information and availability.

		Initial	Weathered
	Solar Reflectance	0.75	Pending
	Thermal Emittance	0.86	Pending
	Rated Product ID Number	0850-0008	
	Licensed Seller ID Number	0850	
	Classification	Production Line	
<small>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary. Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</small>			

- Manufacturing location: Portland, OR
- Recycled content: 0%
- Solar Reflectance Index (SRI) 92*

* The calculator used in this calculation was the U.S. Green Building Council (USGBC) LEED-NC 2.2 as of August, 2007. According to the USGBC Frequently Asked Questions, "Products cannot be certified; however, they can contribute to points under the rating system as part of a successful submittal."

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For most current version, go to www.MalarkeyRoofing.com