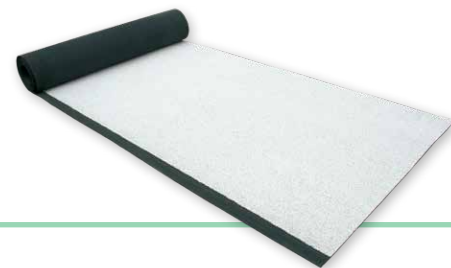




TECHNICAL DETAILS

WEIGHT 78 lbs. 35.4 kg	ROLL SIZE 1 square roll
WIDTH 39 ³ / ₈ " 1 m	LENGTH 33' 10.1 m
TOTAL AREA PER ROLL 108.3 ft ² 10.1 m ²	THICKNESS 105 mils nominal
ROLLS/PALLET 30	GRANULE ADHESION 0.5 g Typical Results

**SBS POLYMER MODIFIED
REFLECTIVE
GRANULE-SURFACED
FIBERGLASS CAP SHEET**



TEST COMPLIANCE

ASTM D3909	ASTM E108 Class A Fire Rating
CODE APPROVAL CCRR-0333	
	Compliant with CEC Title 24, Part 6 Cool Roof Requirements

PRODUCT USE

524G RCap™ Plus is a fire-rated cap sheet for both conventional or modified built-up roofing systems. Manufactured with reflective granules, RCap™ Plus is CRRC-listed and can be used to comply with CEC Title 24, Part 6 Cool Roof Requirements. It is approved for use on all fire-rated roofs as the surface membrane in multi-ply roofing systems and applied with hot mopping asphalt or cold process adhesives. Please contact Malarkey's Technical Services Department for approval of roof systems.

COMPOSITION & MATERIALS

RCap™ Plus is manufactured on a non-woven fiberglass mat, impregnated and coated on both sides with SBS polymer modified bitumen (asphalt), and compounded with a fire-retardant mineral stabilizer. RCap™ Plus is surfaced with reflective granules for ultraviolet protection, weatherability, and solar reflectance. The top side edge of the sheet has a 2" (51 mm) sand selva for lap joint seams.

APPLICATION/INSTALLATION

RCap™ Plus shall be applied as specified with base sheets and/or inter-ply sheets. Roof decks should be sound, dry, smooth, meet necessary local requirements, and provide positive drainage. Do not apply wet membrane sheets. 2200R *Solar White* (Bright White) broadcast granules are available to sprinkle in areas of bleed-out. See Malarkey's Specification Manual for specific installation instructions, or contact our Technical Services Department for details.

FEATURES & BENEFITS

- Made with SBS polymer modified asphalt
- Surface embedded with reflective granules for UV protection, weatherability, and solar reflectance
- 3-Year Aged SRI exceeds requirement for LEED v4.1 Heat Island Reduction Credit
- Listed in various fire assemblies

STORAGE & HANDLING

RCap™ Plus requires dry storage and protection from the weather prior to, and during, application. Store on end on a flat, dry surface. Make sure not to damage roll edges, as this may make installation difficult.

WARRANTY

Malarkey Roofing Products® offers various warranties to meet specific requirements. The warranty package for RCap™ Plus includes 5, 10, 15, and 20-year limited and unlimited coverage. Contact your roofer, local distribution center, or Malarkey for full details. See below for TECHNICAL ASSISTANCE contact information.

RCap™ Plus 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: 524G RCap™ Plus

COMPATIBLE ADHESIVES

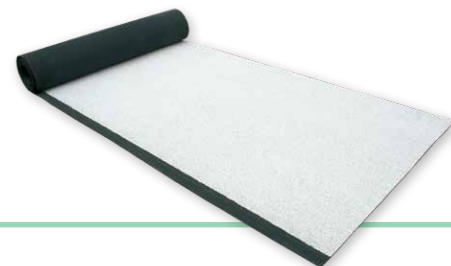


Effective 01/21
Supersedes all previously published data
Check for most current version on our website.

TECHNICAL ASSISTANCE:
Malarkey has technical services assistance available.
Contact Malarkey for details:
Call weekdays 7:00 am to 5:00 pm Pacific Time
at 800.545.1191 or 503.283.1191.
technicalinquiries@malarkeyroofing.com

CORPORATE OFFICE:
3131 N. Columbia Blvd. Telephone: 503.283.1191
Portland, OR 97217-7472 or 800.545.1191
P.O. Box 17217 Fax: 503.289.7644
Portland, OR 97217-0217

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SOLAR REFLECTANCE TECHNICAL DATA

RCap™ Plus is listed with the Cool Roof Rating Council.
RCap™ Plus has tested to these radiative property values:



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.

	INITIAL	WEATHERED
SOLAR REFLECTANCE	0.67	0.65*
THERMAL EMITTANCE	0.88	0.85*
SOLAR REFLECTIVE INDEX (SRI)	81	78*
Related Product ID	0850-0037a	
Licensed Manufacturer ID	0850	
Classification	Production Line	

*CRRC Rapid Ratings

3-Year Aged SRI value exceeds LEED v4.1 requirement for Heat Island Reduction Credit. Contact Malarkey's Technical Services Department for more information.

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