




TECHNICAL DETAILS

WEIGHT/SQUARE 200 lbs. 90.7 kg	EXPOSURE 5 ⁵ / ₈ " 143 mm
SHINGLES/SQUARE 66 3 bundles/square	GRANULE ADHESION 0.45 g Typical Results
WIDTH ± 1/8" 13 ¹ / ₄ " 337 mm	LENGTH ± 1/8" 39 ³ / ₈ " 1.0 m
SQUARES/PALLET 16	

TRADITIONAL 3-TAB FIBERGLASS SHINGLES



TEST COMPLIANCE

ASTM D7158 Class H	ASTM D3462
ASTM D3161 Class F	ASTM D3018 Type I
ASTM E108 Class A Fire Rating	ICC APPROVAL ESR-3150
	
	CEC Title 24, Part 6 Compliant ^o

See page 2 for solar reflectance technical data.

FEATURES & BENEFITS

- Superior granular embedment
- 25-year Limited Shingle Warranty
- Limited Wind Warranty

^o ENERGY STAR, CRRC and California Energy Code Title 24, Part 6 only apply to Dura-Seal™ Dove White shingles.

PRODUCT USE

Dura-Seal™ is a 3-tab, metric-based, asphalt shingle. The metric dimension translates to fewer shingles required per square measurement than standard-sized shingles. Dura-Seal™ in Dove White meets the standard of the California Energy Commission, Title 24, Part 6, and is ENERGY STAR listed. Please consult Malarkey's Technical Services Department for approval of roof systems.

COMPOSITION & MATERIALS

Dura-Seal™ is manufactured on a non-woven fiberglass mat and impregnated on both sides with bitumen (asphalt) that is compounded with a fire-retardant mineral stabilizer. Dura-Seal™ is surfaced with embedded ceramic granules for ultraviolet protection and weatherability.

APPLICATION

Shingles should be applied over a Malarkey underlayment or an approved, code-compliant substitute. Installation instructions are available on the shingle wrapper, at WWW.MALARKEYROOFING.COM, or by contacting your local Malarkey representative. Industry standards are found in NRCA manuals. Shingles should be attached to decking with approved fasteners, and Malarkey recommends the use of corrosion-resistant nails for this purpose. Staples are not allowed.

PRECAUTION

For best results, Malarkey recommends Dura-Seal™ shingles be protected from the weather and stored in a cool, dry, well-ventilated area until applied. Do not double-stack pallets. Do not use on roofs where the slope is less than 2:12 (2" [51 mm] per 12" [305 mm]). For slopes 2:12 up to 4:12 (4" [102 mm] per 12" [305 mm]), additional deck protection is required. Dura-Seal™ shingles have a factory-applied self-sealing strip that activates in warm weather. When applied in cold weather or windy locations, hand-sealing is recommended but not required if sealant activates. On slopes greater than 21" (533 mm) per 12" (305 mm), hand-sealing of tabs and six nails are required. Contact Malarkey for further conditions and instructions.

WARRANTY

Dura-Seal™ carries a 25-year Limited Product Warranty and a 60 mph (97 kph) Limited Wind Warranty. Contact your roofer, local distribution center, or Malarkey for full details. See below for TECHNICAL ASSISTANCE contact information .

Dura-Seal™ 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® (Malarkey) inventory SKU number for this product: 202 Dura-Seal™

TECHNICAL ASSISTANCE:

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

CORPORATE OFFICE:

3131 N. Columbia Blvd. Telephone: 503.283.1191
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Effective 5/17
Supersedes all previously published data
Check for most current version on our website.



TRADITIONAL 3-TAB FIBERGLASS SHINGLES

SOLAR REFLECTANCE TECHNICAL DATA

Dura-Seal™ Dove White is listed with the Cool Roof Rating Council. Dura-Seal™ Dove White 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	0.26	0.28
THERMAL EMITTANCE	0.91	0.98
SOLAR REFLECTIVE INDEX (SRI)	27	33
Related Product ID	0850-0013	
Licensed Manufacturer ID	0850	
Classification	Production Line	



Energy Star only applies to the Dura-Seal™ Dove White shingle. Energy Star is only recognized in the U.S., not in Canada.

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