

TECHNICAL DETAILS

WEIGHT/SQUARE 350 lbs. 158.8 kg	EXPOSURE 5¾" 146 mm
SHINGLES/SQUARE 65 5 bundles/square	GRANULE ADHESION 0.35 g Typical Results
WIDTH ± 1/8" 19¼" 489 mm	LENGTH ± 1/8" 38¼" 972 mm
SQUARES/PALLET 6 from OR	

ELEGANT HEAVYWEIGHT FLEXOR™ SBS POLYMER MODIFIED DESIGNER SHINGLES



TEST COMPLIANCE

ASTM D7158 Class H	ASTM D3462
ASTM D3161 Class F	ASTM D3018 Type I
ASTM E108 Class A Fire Rating	UL RATING 2218 Class 4
CSA A123.5	ICC APPROVAL ESR-3150
	
FBC APPROVAL #14809	

PRODUCT USE

The Windsor® is a Flexor™ SBS polymer modified asphalt shingle manufactured for the premium designer market. It provides increased flexibility, higher tensile strength, tear resistance, premium impact resistance, and features Scotchgard™ Shingle Protector from 3M. Windsor® has a 5¾" exposure, one of the largest in the industry.

COMPOSITION & MATERIALS

The Windsor® is a mineral-surfaced, self-sealing shingle, made with a Flexor™ SBS polymer modified asphalt coating on fiberglass reinforcement, and carries a Class 'A' fire rating.

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 Windsor® 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]), a double layer of underlayment is required. Windsor® 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 21:12 (21" [533 mm] per 12" [305 mm]) and greater, hand-sealing of tabs and nine nails are required. Contact Malarkey for further conditions and instructions.

FEATURES & BENEFITS

- Scotchgard™ protection from 3M
- Extreme weather protection
- Superior granular embedment
- Flexor™ SBS polymer modified asphalt
- All-weather flexibility
- Rain seal protection
- Easy application
- Limited Lifetime Shingle Warranty
- Limited & Enhanced Wind Warranties

WARRANTY

The Windsor® shingle carries a Limited Lifetime Warranty, a 110 mph (177 kph) Limited Wind Warranty, and can be combined with other Malarkey products for a 140 mph (225 kph) Enhanced Wind Warranty. Windsor® featuring Scotchgard™ also carries Malarkey's full 20-year Algae Resistant Shingle warranty against algae growth. Contact your roofing contractor, local distribution center, or Malarkey for full details. See below for TECHNICAL ASSISTANCE contact information.

Windsor® 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: 285 Windsor® featuring Scotchgard™ Protector from 3M

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
Portland, OR 97217-7472 or 800.545.1191
P.O. Box 17217 Fax: 503.289.7644
Portland, OR 97217-0217

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Check for most current version on our website.