

DURA-SEAL™

202 DURA-SEAL™ 20 METRIC FIBERGLASS SHINGLES

PRODUCT DESCRIPTION

Product Use: Malarkey Roofing Products™ (Malarkey) Dura-Seal 20 shingles are manufactured to meet the needs of any standard shingle system. New shingles should be applied with nails that are of the correct length and in the proper location. The proper dimensions and locations can be found in the application instructions for this product, located on the back of each package of shingles, or as supplied by Malarkey. The Dura-Seal 20 shingles are designed for a 5-5/8" exposure. The metric size translates to fewer shingles per square than standard-sized shingles.

Precautions: Dura-Seal 20 shingles require dry storage or plastic-covered storage and protection from the weather until applied. Do not use on roofs where the slope is less than 2". For slopes 2" to 4", additional deck protection is recommended. Dura-Seal 20 shingles have a factory applied self-sealing strip that activates in warm weather. When applied in cold weather or windy location, hand-sealing is recommended but not required if sealant activates. Contact Malarkey for additional conditions and instructions.

Composition and Materials: Dura-Seal 20 shingles are manufactured on Malarkey fiberglass mat, a random patterned mat formed by wet laid glass fibers bonded with resin and latex. The glass mat is then impregnated and coated with coating asphalt and fire-retardant fillers and subsequently surfaced with ceramic colored mineral aggregate for heat and UV protection.

TECHNICAL DATA

Typical Properties:

Approximate Weight	200 lbs. (90.7 kg) per square
Dimensions	13-1/4" x 39-3/8" (± 1/8") (.33 m x 1 m)
Exposure	5-5/8" (142.9 mm)
Shingles Per Square	66 shingles per square (3 bundles/square)
Granule Adhesion	Max. 1.0 gram loss as per ASTM D 4977
Fire Rating	Class 'A'
Warranty	20-year Limited Material Warranty 54 mph (87 kph) Limited Wind Warranty

Meets or exceeds ASTM D 3018 Type 1; ASTM D 3161 Type 1, Class 'A'; ASTM E 108 Class 'A'; ANSI/UL 2390/ASTM D 6381 (ASTM D 7158) Class 'H'

APPLICATION

All shingles must be applied over underlayment, Malarkey Right Start UDL™, ASTM-type felt or an approved substitute. Shingles should be attached to decking by approved fasteners and comply with bundle printed instructions, as well as the current Malarkey Specification Manual and industry standards contained in NRCA or ARMA manuals. Malarkey recommends the use of nails for fastening. For specific installation instructions, consult Malarkey.

WARRANTY

Malarkey Dura-Seal 20 carries a 20-year limited warranty. Documents may be obtained from your roofer, local distribution center or Malarkey. Deviations from recommended application procedures may affect warranty coverage.

TECHNICAL SERVICES

Malarkey has technical assistance available. 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 Dura-Seal 20 shingles are available throughout North America and the Pacific Rim countries. Visit www.MalarkeyRoofing.com for additional product information and availability.