

**TECHNICAL DETAILS**

<b>WIDTH ± 1/8"</b> 12" 305 mm	<b>LENGTH ± 1/8"</b> 13 1/4" 337 mm
<b>EXPOSURE</b> 5 5/8" 143 mm	<b>GRANULE ADHESION</b> 0.35 g Typical Results
<b>SHINGLES/BUNDLE</b> 22	<b>BUNDLES/PALLET</b> 48
<b>UNITS/BUNDLE</b> 66	<b>LINEAR COVERAGE</b> 30' 11" 9.4 m

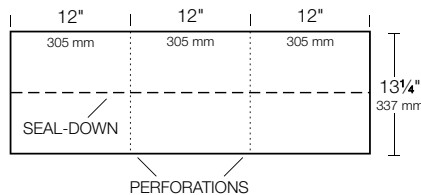
**TEST COMPLIANCE**

<b>ASTM</b> D7158 Class H	<b>ASTM</b> D3462
<b>ASTM</b> D3161 Class F	<b>ASTM</b> E108 Class A Fire Rating
<b>UL RATING</b> 2218 Class 4	<b>CSA</b> A123.5
<b>ICC APPROVAL</b> ESR-3150	

**FEATURES & BENEFITS**

- Sustainable NEX® asphalt technology
- Exceptional all-weather performance
- Colors blended to match field shingles
- UL 2218 Class 4 impact resistance
- 3M™ Smog-Reducing Granules
- 3M™ Scotchgard™ algae protection

**ILLUSTRATION**



## NEX® POLYMER MODIFIED 12" WIDE, HIP AND RIDGE SHINGLES



**PRODUCT USE**

227 12" RidgeFlex™ Hip and Ridge Shingles are fortified with NEX® polymer modified asphalt and designed for wider ridge vents. 12" RidgeFlex™ is an easy-to-install, low-profile roof accessory that provides protection to hips and ridges, a strong defense for ridge vents from weathering, and long-lasting appeal. 12" RidgeFlex™ features Scotchgard™ Protector from 3M to resist shingle discoloration due to algae growth. Malarkey roofing systems with algae resistant warranties *require* algae resistant hip and ridge shingles.

**COMPOSITION & MATERIALS**

12" RidgeFlex™ Hip and Ridge Shingles are manufactured on a non-woven fiberglass mat, impregnated and coated on both sides with NEX® polymer modified bitumen (asphalt), and compounded with a fire-retardant mineral stabilizer. Its surface incorporates an innovative combination of ceramic granules that provide varied color, weatherability, algae protection, and now, smog reduction. RidgeFlex™ Hip and Ridge Shingles are blended to match Malarkey field shingles.

**APPLICATION**

Installation instructions, in three languages, are available on the shingle wrapper by scanning the corresponding Quick Response (QR) code, on our website at [WWW.MALARKEYROOFING.COM](http://WWW.MALARKEYROOFING.COM), or by contacting your local Malarkey representative. Industry standards are found in NRCA manuals. Full-width 12" RidgeFlex™ Hip and Ridge Shingles are separated at the perforations and attached to roof shingles with approved fasteners. Ensure corrosion-resistant nails are long enough to penetrate all layers of shingles and completely through the roof deck or into the deck a minimum of 3/4" (19 mm). Staples are not allowed. Contact Malarkey's Technical Services Department when installing this product over ridge venting products.

**PRECAUTION**

Malarkey recommends 12" RidgeFlex™ be protected from the weather and stored in a cool, dry, well-ventilated area until applied. Do not double-stack pallets. 12" RidgeFlex™ Hip and Ridge Shingles have a factory-applied, seal-down/adhesive strip that activates in warm weather. When applied in cold weather or windy locations, hand-sealing is recommended but not required if sealant activates. Should hand-sealing be necessary, apply shingle tab adhesive under each lower corner first and then fasten. Contact Malarkey for further conditions and instructions.

**WARRANTY**

12" RidgeFlex™ Hip and Ridge Shingles are eligible for warranty coverages as a single roofing accessory or in combination with others in a complete Malarkey roofing system. When installed with algae resistant shingles, 12" RidgeFlex™ is covered by Malarkey's Limited Lifetime Scotchgard™ Protector Warranty. Installed separately, they carry a 10-year product warranty against manufacturing defects. Contact your roofing contractor, local distribution center, or Malarkey for full details. See below for TECHNICAL ASSISTANCE contact information.

12" RidgeFlex™ shingles and other Malarkey products are available throughout North America and Pacific Rim countries.

Visit [WWW.MALARKEYROOFING.COM](http://WWW.MALARKEYROOFING.COM) for additional product information and availability.

Note: Malarkey Roofing Products® inventory SKU number for this product: 227 12" RidgeFlex™ Hip and Ridge Shingles featuring Scotchgard™ Protector from 3M

Effective 9/20  
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 PST,  
at 800.545.1191 or 503.283.1191.  
[technicalinquiries@malarkeyroofing.com](mailto:technicalinquiries@malarkeyroofing.com)

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