

**IKO****TECHNICAL DATA SHEET****STOCK NO. 4990XXX****September, 2018****HIP & RIDGE 12**

This heavyweight shingle is composed of a resilient, inorganic glass base that is coated and permeated with additional weather-resistant asphalt. As a perforated, three-piece, pre-tapered hip and ridge shingle, it provides the assurance of long-lasting performance and is surfaced with ceramic colored granules, which protect the asphalt from ultraviolet radiation. Special algae-inhibiting granules have been added to provide long-lasting algae resistance. Each shingle has release tape and mineral powder applied to the underside, thus preventing any sticking in the bundle. This shingle meets ASTM D3018, ASTM D3161 Class F, ASTM D3462, and ASTM E108 Class A, shingle compositional and performance characteristics, and is suitable for installation as a capping shingle with any of our complete line of asphalt shingles.

CHARACTERISTIC	UNITS	NOMINAL VALUE	TEST METHOD	STANDARD LIMITS
<b>QUANTITY PER PALLET:</b>	-	56	-	N/A
<b>PALLET SIZE:</b>	cm (in)	124 x 102 (49 x 40)	-	-
<b>LENGTH:</b>	mm (in)	914 (36)	-	± 3 (± 1/8)
<b>WIDTH:</b>	mm (in)	337 (13 1/4)	-	± 3 (± 1/8)
<b>HEADLAP:</b>	mm (in)	50 (2)	-	MIN: 50 (2)
<b>BUNDLE QUANTITY:</b>	-	26	-	-
<b>COVERAGE PER BUNDLE:</b>	lin. m. (lin. ft.)	11.1 (36.5)	-	-
<b>EXPOSURE:</b>	mm (in)	143 (5 5/8)	-	-
<b>TEAR STRENGTH:</b>	G	PASS	ASTM D1922	MIN: 1700
<b>HEAT RESISTANCE:</b>	-	PASS	*	90°C (192°F)
<b>STABILIZED BITUMEN WEIGHT:</b>	g/m <sup>2</sup> (lbs/100 ft <sup>2</sup> )	PASS	ASTM D228	MIN: 2000 (41)
<b>GRANULE RETENTION:</b>	%	PASS	ASTM D4977	MIN: 86
<b>FIRE RATING:</b>	-	CLASS A	ASTM E108	MIN: CLASS A

\* Sample shows no sliding or dripping of the bitumen coating when suspended vertically in an oven at 90°C (192°F) for 2 hours.

See also Material Information Sheet – MIS # 1213

*The information on this Technical Data sheet is based upon data considered to be true and accurate, based on laboratory tests and production measurements, and is offered solely for the user's consideration, investigation and verification. Nothing contained herein is representative of a warranty or guarantee for which the manufacturer can be held legally responsible. The manufacturer does not assume any responsibility for any misrepresentation or assumptions the reader may formulate.*