

**IKO****TECHNICAL DATA SHEET****STOCK NO. 4450XXX****November, 2017****CROWNE SLATE**

This top-of-the-line shingle is composed of two layers of premium roofing material, each layer made on a dimensionally stable non-woven glass fiber mat, which is thoroughly impregnated and stabilized with waterproofing bitumen. As a laminated shiplap shingle, Crowne Slate provides the assurance of long lasting performance and is surfaced with ceramic colored granules, which protect the asphalt from ultraviolet radiation. Due to the shingle's unique shiplap design, roof installation is quicker and easier than conventional shingles. Each shingle has release tape and mineral powder applied to the underside, thus preventing any sticking in the bundle. This two-ply hybrid designed shingle has been enhanced with special algae-inhibiting granules that provide long lasting algae resistance. This shingle meets ASTM D3018, ASTM D3161 Class F, ASTM D3462, ASTM E108 Class A, CSA A123.5, and ASTM D7158 Class H shingle composition and performance characteristics. Suitable for application on roof slopes greater than 4:12.

CHARACTERISTIC	UNITS	NOMINAL VALUE	TEST METHOD	STANDARD LIMITS
QUANTITY PER PALLET:	-	60	-	N/A
PALLET SIZE:	cm (in)	101 x 135 (40 x 53)	-	-
LENGTH:	mm (in)	1003 (39 1/2)	-	± 3 (± 1/8)
WIDTH:	mm (in)	336 (13 1/4)	-	± 3 (± 1/8)
SHIPLAP:	mm (in)	89 (3 1/2)	-	-
BUNDLE QUANTITY:	-	10	-	-
COVERAGE PER BUNDLE:	ft ² (m ²)	25 (2.32)	-	-
EXPOSURE:	mm (in)	254 (10)	-	-
TEAR STRENGTH:	g	PASS	ASTM D1922	MIN: 1700
HEAT RESISTANCE:	-	PASS	*	90°C (192°F)
STABILIZED BITUMEN WEIGHT:	g/m ² (lbs/100 ft ²)	PASS	ASTM D228	MIN: 2000 (41)
GRANULE RETENTION:	%	PASS	ASTM D4977	MIN: 86
FIRE RATING:	-	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 # 1513

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