TECHNICAL DATA SHEET - RCABC

STOCK NO. 1930XXX ***July, 2016***

ARMOURSHAKE

This premium heavyweight, laminated shingle is composed of a dimensionally stable non-woven glass fiber mat, which is thoroughly impregnated with stabilized waterproofing bitumen. IKO Armourshake is distinguished by its random shake-look design, unique color contrast, and superior thermally activated shingle sealant. Colored, ceramic granules surface the tops of both layers of this shingle to protect the asphalt from ultraviolet radiation. Each shingle has release tape and mineral powder applied to the underside, thus preventing any sticking in the bundle. Special algae-inhibiting granules have been added to provide long-lasting algae resistance. Suitable for application on roof slopes greater than 4:12. Underlayment is strongly recommended for slopes below 6:12. This shingle conforms to requirements of CSA A123.5, ASTM D3018, ASTM E108 Class A, ASTM D3462, ASTM D3161 Class F, UL 2218 Class 4, ASTM D7158 Class H, FM 4473 Class 4 and ICC Evaluation ESR-3532. IKO's asphalt shingles are produced and designed with consideration for environmental responsibility and sustainability, incorporating quality recycled components whenever possible, manufactured in facilities that comply with the most stringent government environmental regulations, and can therefore be a part of any "green" construction project.

CHARACTERISTIC	UNITS	NOMINAL VALUE	TEST METHOD	STANDARD LIMITS
QUANTITY PER PALLET:	-	36	-	N/A
PALLET SIZE:	cm (in)	101 x 135 (40 x 53)	-	-
LENGTH:	mm (in)	950 (37 3/8)	-	± 6 (± 1/4)
WIDTH:	mm (in)	470 (18 1/2)	-	± 3 (± 1/8)
HEADLAP:	mm (in)	50 (2)	-	MIN: 50 (2)
BUNDLE QUANTITY:	-	14	-	-
COVERAGE PER BUNDLE:	ft^2 (m^2)	20 (1.85)	-	-
EXPOSURE:	mm (in)	140 (5 1/2)	-	-
TEAR STRENGTH:	g	PASS	ASTM D1922	MIN: 1700
HEAT RESISTANCE:	-	PASS	*	90°C (192°F)
GRANULE RETENTION:	%	PASS	ASTM D4977	MIN: 86
FIRE RATING:	-	CLASS A	ASTM E108	MIN: CLASS A
APPLIED WEIGHT:	kg/10 m² (lbs/sq)	176 (360)	-	-
BUNDLE WEIGHT:	kgs (lbs)	32.7 (72)	-	-

* 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 # 1713