



STOCK NO. 7910010

JULY, 2016

## ARMOURGARD ICE AND WATER PROTECTOR

This product consists of a resilient, non-woven glass fiber mat, which is permeated and coated with SBS modified bitumen to a thickness of approx. 1.8 mm (71 mils). This sheet is sanded on its top to provide a non-slip surface while a silicone treated release film, which is easily removed during application, protects its self-adhesive backing. Used primarily for waterproofing purposes under shingled roofs and specifically beneath potential ice dam areas, it can also be installed around vent stacks, dormers, chimneys and other roof-top structures. ArmourGard Ice and Water is also suitable as a vapour control membrane in Commercial Roofing Systems. IKO's roofing products 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. This product is listed under CCMC Listing #12413-R.

CHARACTERISTIC	UNITS	NOMINAL VALUE	SPECIFICATION	TEST METHOD	STANDARD LIMITS	
ROLLS PER PALLET:	-	30	-	-	N/A	
PALLET SIZE:	cm (in)	132 x 112 (52 x 44)	-	-	-	
LENGTH:	m (ft)	19.8 (65)	-	-	± 1%	
WEIGHT:	kgs (lbs)	32.1 (70.8)	-	-	-	
WIDTH:	mm (in)	914 (36)	-	-	± 3 (1/8)	
THICKNESS:	mm (mils)	1.8 (71)	ASTM D1970	ASTM D751	MIN: 1.0 (40)	
SELVAGE:	mm (in)	76 (3.0)	-	-	± 5 (1/4)	
ADHESION TO PLYWOOD AT 25°C (77°F):	kgf/30.5 cm (lbf/ft)	50 (110)	ASTM D1970	ASTM D903	MIN: 5.44 (12)	
TENSILE STRENGTH	MD: XD:	kN/m (lbf/in)	6.0 (34) 6.0 (34)	ASTM D1970	ASTM D2523	MIN: 4.4 (25)
TEAR STRENGTH	MD: XD:	N (lbf)	220 (49.5) 220 (49.5)	ASTM D1970	ASTM D4073	MIN: 89 (20)
THERMAL STABILITY (FLOW AT 70°C):	mm (mils)	0.5 (20)	ASTM D1970	ASTM D1204	MAX: 3.0 (118)	
WATER VAPOUR PERMEANCE:	ng/Pa*s*m <sup>2</sup> (perms)	4.0 (0.07)	ASTM D1970	ASTM E96	≤ 5.7 (≤0.1)	
COLD FLEX:	°C (°F)	PASS	ASTM D1970	ASTM D1970	MIN: -29 (-20)	
SEALABILITY AROUND NAIL:	-	PASS	ASTM D1970	ASTM D1970	NO WATER PRESENT	

Note: ArmourGard Ice & Water Protector is available in other sizes. Contact your IKO representative for details.

See also Material Information Sheet – MIS # 1202 Brampton, MIS # 1702 Sumas

*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.*