



**STOCK NO. 7920058**

**JULY, 2016**

**ARMOURCOOL GRANULAR TP-HD CAP**

A highly reflective white granulated SBS cap sheet reinforced with non-woven composite polyester combined with a glass fiber scrim in both machine and cross directions. This product is permeated with asphalt and then coated with our select blend of polymers to a finished thickness of 4 mm. Highly reflective, mineral granules are embedded in the surface to provide protection against ultraviolet radiation, and a light poly-film is bonded to the underside (which disappears upon heat-welding). ArmourCool Granular TP-HD can be used as a protective cap as the top ply in a B.U.R. system or the top ply in a two-ply modified system. The composite reinforcement gives the cap sheet excellent dimensional stability as well as superior stress tolerance for the most demanding building requirements. This product will easily satisfy the requirements of CGSB-37.56-M and ASTM D6162 Type I, Grade G materials. IKO's 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.

CHARACTERISTIC	UNITS	NOMINAL VALUE	SPECIFICATION	TEST METHOD**	STANDARD LIMITS
<b>ROLLS PER PALLET:</b>	-	32	-	-	N/A
<b>PALLET SIZE:</b>	cm (in)	132 x 112 (52 x 44)	-	-	-
<b>LENGTH:</b>	m (ft)	8 (26.2)	-	-	± 1%
<b>WIDTH:</b>	mm (in)	1005 (39.6)	-	-	± 6 (1/4)
<b>WEIGHT:</b>	kgs (lbs)	36.7 (81)	-	-	-
<b>THICKNESS:</b>	mm (mils)	4.0 (158)	-	-	± 0.4 (16)
<b>COLD FLEX:</b>	°C (°F)	PASS	ASTM D6162	ASTM D5147	MIN: -18 (0)
<b>STRAIN ENERGY @ 23°C</b>	<b>MD:</b> <b>XD:</b>	7.3 6.6	CGSB-37.56-M	CGSB-37.56-M	MIN: 5.5*
<b>TENSILE STRENGTH</b>	<b>MD:</b> <b>XD:</b>	20.4 15.6	ASTM D6162	ASTM D5147	MIN: 13.1
<b>ULTIMATE ELONGATION</b>	<b>MD:</b> <b>XD:</b>	76.3 83.4	ASTM D6162	ASTM D5147	MIN: 26
<b>TEAR STRENGTH</b>	<b>MD:</b> <b>XD:</b>	71 69	CGSB-37.56-M	CGSB-37.56-M	MIN: 20*
<b>LAP STRENGTH (5D @ 23°C)</b>	kN/m	12	CGSB-37.56-M	CGSB-37.56-M	MIN: 4*
<b>GRANULE LOSS:</b>	g	0.26	ASTM D6162	ASTM D5147	MAX: 2.0
<b>STATIC PUNCTURE:</b>	N	PASS	CGSB-37.56-M	CGSB-37.56-M	≥ 150*
<b>SOLAR REFLECTIVE INDEX:</b>	-	82	LEED	ASTM C1549 ASTM C1371	MIN: 78

\* CGSB-37.56-M revision, 9th draft, dated January 1997.

\*\* Although both ASTM and CGSB may have requirements for a particular test, only the more stringent is indicated.

*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.*