



PREVENT ARMOURCOOL HD CAP

Prevent ArmourCool HD Cap is reinforced with a tough heavyweight non-woven reinforced composite polyester mat, which is coated and impregnated with SBS modified bitumen. Specially formulated for excellent fire resistance, this membrane has highly reflective, mineral granules embedded in the top surface to provide protection against ultraviolet radiation, while the underside is covered with a thin poly-film, which disappears upon heat-welding. Prevent ArmourCool HD Cap can be used as the top ply in a B.U.R. system or the top ply in a two-ply modified system. Prevent ArmourCool HD Cap is a durable membrane intended to form the top ply of a two ply SBS membrane roof system where diminished heat gain and emittance are a requirement. This product will easily satisfy the requirements of CGSB-37.56-M and ASTM D6162 Type I, Grade G materials. It also qualifies for a Class A rating in accordance with CAN/ULC S107M, UL790 and ASTM E108 test protocols. Please contact your IKO Technical Representative for specific slope requirements. 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
ROLLS PER PALLET:	-	32	-	-	N/A
PALLET SIZE:	cm (in)	132 x 112 (52 x 44)	-	-	-
LENGTH:	m (ft)	8 (26.2)	-	-	± 1%
WIDTH:	mm (in)	1005 (39.6)	-	-	± 6 (1/4)
WEIGHT:	kgs (lbs)	37.7 (83)	-	-	-
THICKNESS:	mm (mils)	4.0 (158)	-	-	± 0.4 (16)
SELVAGE:	mm (in)	90 (3.5)	-	-	± 5 (1/4)
COLD FLEX:	°C (°F)	PASS	ASTM D6162	ASTM D5147	MIN: -18 (0)
STRAIN ENERGY @ 23°C	MD: XD:	7.3 6.6	CGSB-37.56-M	CGSB-37.56-M	MIN: 5.5*
TENSILE STRENGTH	MD: XD:	20.4 15.6	ASTM D6162	ASTM D5147	MIN: 13.1
ULTIMATE ELONGATION	MD: XD:	76.3 83.4	ASTM D6162	ASTM D5147	MIN: 26
TEAR STRENGTH	MD: XD:	71 69	CGSB-37.56-M	CGSB-37.56-M	MIN: 20*
LAP STRENGTH (5D @ 23°C)		kN/m 12	CGSB-37.56-M	CGSB-37.56-M	MIN: 4*
GRANULE LOSS:	g	0.26	ASTM D6162	ASTM D5147	MAX: 2.0
STATIC PUNCTURE:	N	PASS	CGSB-37.56-M	CGSB-37.56-M	≥ 150*
SOLAR REFLECTIVE INDEX:	-	82	LEED	ASTM C1549 ASTM C1371	MIN: 78

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

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

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