ArmourCool™ Granular TP-HD

HEAT WELDED CAP SHEET

STOCK# **7920058**

ROLLS PER PALLET: **32**

PALLET SIZE: **132 cm x 112 cm (52 in x 44 in)**

LENGTH: **8 m (26.2 ft)**

WIDTH: **1005 mm (39.6 in)**

AREA: **8 m² (86 ft²)**

THICKNESS: **4.0 mm (158 mils)**

SELVAGE: **90 mm (3.5 in)**

Note: All reported values are nominal.

Tough, stress tolerant and UV resistant, let the ArmourCool Granular TP-HD Heat Welded Cap Sheet go to work for your next commercial roofing project.

- OUTSTANDING DIMENSIONAL STABILITY
- DURABLE

IKO® COMMERCIAL

ArmourCool™ Granular TP-HD

HEAT WELDED CAP SHEET

Durable

ArmourCool Granular TP-HD is a highly reflective white granulated SBS cap sheet with a tough composite reinforcement of non-woven polyester strengthened with a glass fiber scrim in both machine and cross directions. The composite reinforcement gives the cap sheet excellent dimensional stability as well as superior stress tolerance for the most demanding building requirements.

Asphalt Infused

ArmourCool Granular TP-HD is coated with select SBS polymers and premium asphalt to a finished thickness of 4.0 mm (158 mils).

Protects Against UV Radiation

Reflective mineral granules (82 SRI) are embedded in the surface of the product to provide protection against ultraviolet radiation.

Dual Purpose

ArmourCool Granular TP-HD can be used as either a protective cap for a conventional BUR system or as the top ply in a two-ply modified system. A light micro-perforated film is bonded to the underside and conveniently disappears upon heat welding.

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ArmourCool Granular TP-HD satisfies the requirements of CGSB-37.56-M and ASTM D6162 Type I, Grade G materials.

ISO 9001 – 2008 REGISTERED FACILITY

Please contact your IKO Technical Representative for specific slope requirements.

CHARACTERISTICS	UNITS	MEETS/ EXCEEDS	SPECIFICATION	TEST METHOD**	STANDARD LIMITS
Cold Flex:	˚C (˚F)	✓	ASTM D6162	ASTM D5147	MIN: -18 (0)
Strain Energy @ 23˚C MD: XD:	kN/m	✓ ✓	CGSB-37.56-M	CGSB-37.56-M	MIN: 5.5*
Tensile Strength MD: XD:	kN/m (lbf/in)	✓ ✓	ASTM D6162	ASTM D5147	MIN: 13.1 (75)
Ultimate Elongation MD: XD:	%	✓ ✓	ASTM D6162	ASTM D5147	MIN: 26
Tear Strength MD: XD:	N (lbf)	✓ ✓	CGSB-37.56-M	CGSB-37.56-M	MIN: 20 (4.5)*
Lap Strength (5D @ 23˚C) MD: XD:	kN/m (lbf/in)	✓ ✓	CGSB-37.56-M	CGSB-37.56-M	MIN: 4 (23)*
Granule Loss:	g	✓	ASTM D6162	ASTM D5147	MAX: 2.0
Static Puncture:	N (lbf)	✓	CGSB-37.56-M	CGSB-37.56-M	≥ 150 (34)*
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. The information on this product information 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.

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