

ArmourCool™ Granular PrevENT™ TP-HD-Cap

HEAT WELDED CAP SHEET



IKO

COMMERCIAL®

Specify *with Confidence.*



STOCK# 7920059

ROLLS PER PALLET: 24

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 (89 ft²)

MEMBRANE COVERAGE: 7.25 m² (78 ft²)

THICKNESS: 5.0 mm (197 mils)

SELVAGE: 90 mm (3.5 in)

Note: All reported values are nominal.

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

- CLASS A RATED CAP SHEET
- OUTSTANDING THERMAL EMITTANCE

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Durable

Reinforced ArmourCool Granular PrevENT TP-HD-Cap is constructed with a tough composite reinforcement of non-woven polyester strengthened with a glass fiber scrim in both machine and cross directions, and is coated top and bottom with select SBS polymers and premium asphalt. During the manufacturing process, expandable graphite is added above the reinforcement to impart excellent exterior fire resistance properties.

Multi-purpose

ArmourCool Granular PrevENT TP-HD-Cap can be used as the top ply in a 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.

Excellent for Varied Climates

ArmourCool Granular PrevENT TP-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.

Protects Against UV Radiation

Specially formulated for excellent fire resistance, this cap sheet has highly reflective mineral granules (≥82 SRI) embedded in the surface of the product to provide protection against ultraviolet radiation.

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ArmourCool Granular PrevENT TP-HD-Cap satisfies the requirements of CSA A123.23 Type C, Grade 1. It also qualifies for a Class A rating in select UL systems, in accordance with CAN/ULC S107M, UL790 test protocols.

ISO 9001 - 2015 REGISTERED FACILITY

Please contact your IKO Technical Representative for specific slope requirements.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL PERFORMANCE
Strain Energy, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	CSA A123.23	> 5.5 (> 31)
Strain Energy, (Before and After Heat Conditioning), @ -18°C (0°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	CSA A123.23	> 3.0 (> 17)
Peak Load, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	ASTM D5147	> 13 (> 75)
Peak Load, (Before and After Heat Conditioning), @ -18°C (0°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	ASTM D5147	> 18 (> 103)
Elongation at Peak Load, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	%	CSA A123.23	ASTM D5147	> 50
Elongation at Peak Load, (Before and After Heat Conditioning), @ -18°C (0°F) MD / XD:	%	CSA A123.23	ASTM D5147	> 49
Ultimate Elongation, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	%	CSA A123.23	ASTM D5147	> 53
Mass Per Unit Area:	g/m ² (lb/ft ²)	CSA A123.23	ASTM D5147	2900 (0.60)
Dimensional Stability:	%	CSA A123.23	ASTM D5147	< 0.5
Low Temperature Flexibility:	°C (°F)	CSA A123.23	ASTM D5147	< -18 (< 0.4)
Low Temp. Weathered Flexibility:	°C (°F)	CSA A123.23	ASTM D5147	< -12 (< 10)
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	> 91 (> 195)
Granule Loss:	g (oz)	CSA A123.23	ASTM D5147	< 2 (< 0.07)
Resistance to Puncture:	-	CSA A123.23	CSA A123.23	pass
Solar reflective index:	-	LEED®	ASTM C1549 ASTM C1371	≥ 82

IKO's products adhere to the industry standards of the jurisdiction in which they are sold by IKO. Numerical testing scores listed herein, if any, relate only to the samples tested and the standards & procedures listed herein. IKO does not guarantee that every IKO product will, upon similar testing, reveal an identical score to those set forth herein. IKO does not accept responsibility for any matters arising or consequences from the use of numerical testing.