

ArmourCool™ Granular TP-HD-Cap

HEAT WELDED CAP SHEET



COMMERCIAL®

Specify with Confidence.



STOCK# 7920058

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 (86 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.

ArmourCool Granular TP-HD-Cap

Durable

ArmourCool Granular TP-HD-Cap 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-Cap is coated with select SBS polymers and premium asphalt to a finished thickness of 5.0 mm (197 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-Cap 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.

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

- OUTSTANDING DIMENSIONAL STABILITY
- DURABLE

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Granular TP-HD-Cap
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ArmourCool Granular TP-HD-Cap satisfies the requirements of CSA A123.23 Type C, Grade 1.

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.

