

IKOTherm™

COMMERCIAL ROOF INSULATION



STOCK# **418XXXX**

PALLET SIZE: **122 cm x 244 cm (4 ft x 8 ft)**

AVAILABLE THICKNESSES*:

12.5 mm (0.5 in), 50 mm (2 in).

75 mm (3 in), 102 mm (4 in), 116 mm (4.6 in)

*A full range of thicknesses available upon request.

PIECES PER PALLET:

122 cm x 244 cm (4 ft x 8 ft):

12.5 mm (0.5 in) - 96, 50 mm (2 in) - 24,

75 mm (3 in) - 16, 102 mm (4 in) - 12,

116 mm (4.6 in) - 12

122 cm x 122 cm (4 ft x 4 ft):

12.5 mm (0.5 in) - 192, 50 mm (2 in) - 48,

75 mm (3 in) - 32, 102 mm (4 in) - 24,

116 mm (4.6 in) - 24

IKO's AccuCut service allows further specialty board dimensions.

Note: All reported values are nominal.

- EXTRA TOUGH
- OUTSTANDING R-VALUE
- RANGE OF THICKNESSES AVAILABLE



COMMERCIAL

Specify with Confidence.



IKOTherm

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Durable but Lightweight

Lightweight and easy to handle, IKOTherm Polyisocyanurate Foam Insulation is designed to be part of modified bitumen, built-up, or single-ply roof system.

Reinforced Facer

IKOTherm is composed of a select Kraft paper reinforced with glass fiber strands for high strength and excellent absorption for both hot mopping and adhesive attachment methods. The product also performs well with mechanical fasteners.

Excellent R-Value

IKOTherm is a rigid, polyisocyanurate foam insulation with high thermal properties, which can provide outstanding insulation protection and help to reduce heating and cooling costs.

Versatile

IKOTherm is available in two board sizes and a range of thicknesses to meet a variety of insulation needs.



IKOTherm Polyisocyanurate Foam Insulation is produced according to the requirements of CAN/ULC 704.1 for Type 2, Class 3 materials, and ASTM C1289 Type II, Class 1, Grade 2. This product is FM and UL approved.

Please contact your IKO Technical Representative for specific slope requirements.

CHARACTERISTICS	UNITS	MEETS/ EXCEEDS	TEST METHOD	STANDARD LIMITS
Length Tolerance:	mm (in)	± 4 (± 0.16)	ASTM C303	+ 6 (+ 0.25) - 4 (- 0.16)
Width Tolerance:	mm (in)	± 2 (± 0.08)	ASTM C303	+ 4 (+ 0.16) - 2 (- 0.08)
Dimensional Stability(MD/XD) At -29°C: At 80°C: At 70°C, 97% R.H.:	%	-0.02/-0.03 -0.02/-0.17 0.30/0.80	ASTM D2126	max: ± 2 max: ± 2 max: ± 2
Flame Spread*:	FSI	Class B	ASTM E84	26-75
Water Vapour Permeance:	ng/Pa·s·m ²	✓	ASTM E96	>60
Water Absorption:	% by Vol.	✓	ASTM D2842	max: 3.5
Compressive Strength*:	kPa (psi)	✓	ASTM D1621	min: 140 (20)
Flexural Strength MD: XD:	kPa (psi)	✓ ✓	ASTM C203	min: 275 (39.3)
Long Term Thermal Resistance (LTTR) R-Value: Thickness 12.5 mm (0.5 in): 25 mm (1.0 in): 50 mm (2.0 in): 75 mm (3.0 in): 102 mm (4.0 in): 116 mm (4.6 in):	m ² .K/W (h.ft ² .°F/Btu)	0.50 (2.9) 1.00 (5.7) 2.01 (11.4) 3.06 (17.4) 4.16 (23.6) 4.6 (27.4)	CAN/ULC-S770	—

* The numerical ratings as determined by ASTM Test Method E84 are not intended to reflect hazards presented by this or any other material under actual fire conditions (All values are nominal) * Tested on cured sample, using chord modulus at 10% deformation. 172 kpa (25 psi) product available by special request, which would conform to ASTM C1289 Grade 3 requirements. See also Material Safety Data Sheet - MSDS #1511 or MSDS #1911. All values shown are approximate. The information on this sheet is based on data considered to be true and accurate based on periodic internal testing and production measurements at time of manufacture. The information is offered solely for the user's consideration, investigation and verification, and is subject to change without notice. Nothing contained herein constitutes or represents a warranty or guarantee for which the manufacturer can be held legally responsible. IKO assumes no responsibility for errors that may appear in this document.