

IKOTherm™ 25 PSI Grade

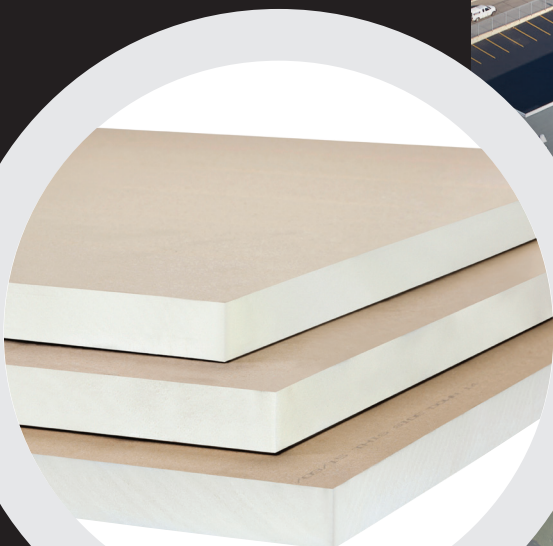
COMMERCIAL ROOF INSULATION



IKO

COMMERCIAL®

Specify with Confidence.



STOCK# 4180XXX

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

AVAILABLE THICKNESSES: 25 mm (1 in),

50 mm (2 in), 75 mm (3 in), 100 mm (4 in)

PIECES PER PALLET:

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

25 mm (1 in) - 48 50 mm (2 in) - 24

75 mm (3 in) - 16 100 mm (4 in) - 12

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

50 mm (2 in) - 48 75 mm (3 in) - 32

Note: All reported values are nominal.

Durable and lightweight with an excellent R-value, let IKOTherm 25 PSI Grade Polyiso Foam Insulation go to work for your next commercial roofing project.

- EXTRA TOUGH
- OUTSTANDING R-VALUE

IKOTherm 25 PSI Grade

COMMERCIAL ROOF INSULATION

Durable but Lightweight

Lightweight and easy to handle, IKOTherm 25 PSI Grade Polyisocyanurate Foam Insulation is designed to be part of modified bitumen, built-up, or single-ply roof systems, featuring a high compressive resistance to deformation.

Versatile

IKOTherm 25 PSI Grade is available in two board sizes and a range of thicknesses to meet a variety of insulation needs.

Reinforced Facers

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

The product is a rigid, polyisocyanurate foam insulation with a high thermal R-value that provides outstanding insulation protection, which can help to reduce heating and cooling costs.

IKOTM 25 PSI Grade

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IKOTM 25 PSI Grade Polyisocyanurate Foam Insulation is produced according to the requirements of CAN/ULC 704.1 for Type 3, Class 3 materials, and ASTM C1289 Type II, Class 1, Grade 3. 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.:	% % %	✓ ✓ ✓	ASTM D2126	max: ± 2 max: ± 2 max: ± 2
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: 170 (25)
Flexural Strength MD: XD:	kPa (psi)	✓ ✓	ASTM C203	min: 275 (39.3)
Long Term Thermal Resistance (LTTR) Thickness: 25 mm (1 in) 50 mm (2 in) 75 mm (3 in) 100 mm (4 in)	m ² .K/W (BTU/hr.ft ² .°F)	1.00 (5.7) 2.00 (11.4) 3.00 (17.1) 4.14 (23.6)	CAN/ULC-S770	—

* Tested on cured sample, using chord modulus at 10% deformation. 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.