IKOTherm™ Tapered

COMMERCIAL ROOF INSULATION

STOCK# **4183406, 4183407, 4183408, 4183409, 4183412, 4183413, 4183414, 4183410, 4183411**

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

AVAILABLE THICKNESSES*:

Type AA = 12.7 - 25.4 mm (0.5 - 1.0 in)

Type A = 25.4 - 38.1 mm (1.0 - 1.5 in)

Type B = 38.1 - 50.8 mm (1.5 - 2.0 in)

Type C = 50.8 - 63.5 mm (2.0 - 2.5 in)

Type Q = 12.7 - 63.5 mm (0.5 - 2.5 in)

Type X = 12.7 - 38.1 mm (0.5 - 1.5 in)

Type Y = 38.1 - 63.5 mm (1.5 - 2.5 in)

Type JJ = 12.7 - 28.6 mm (0.5 - 1.25 in)

Type KK = 28.6 - 50.8 mm (1.25 - 2.0 in)

PIECES PER PALLET:

Type AA = 256, Type A = 152, Type B = 104, Type C = 80, Type Q = 128, Type X = 192, Type Y = 96, Type JJ = 216, Type KK = 112

*IKOTherm and IKOTherm Tapered are available in a full range of thicknesses upon request.

IKO's AccuCut service allows further specialty board dimensions.

Note: All reported values are nominal.

- EXTRA TOUGH
- OUTSTANDING R-VALUE

IKO COMMERCIAL®
Specify with **Confidence.**

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

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Durable but Lightweight
Strong, lightweight and easy to handle, IKOTherm Tapered Commercial Roof Insulation is designed to be part of modified bitumen, built-up or single-ply roof system where slope is dictated by the roof design.

Designed for Drainage
IKOTherm Tapered Insulation provides positive drainage and sloping to both existing and new roof structures. The product is available by pallet in a variety of slopes. The average thickness of the board will determine the board quantity per pallet.

Reinforced Facer
Composed of a select Kraft paper reinforced facer with glass fiber strands for increased strength, IKOTherm Tapered Insulation is ideal for both hot mopping and adhesive attachment methods. This product also performs well with mechanical fasteners.

Excellent R-Value
IKOTherm Tapered Insulation is a rigid, polyisocyanurate foam insulation with high thermal properties, offering superior R-value, outstanding dimensional stability and exceptional protection to help reduce heating and cooling costs.

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IKOTherm Tapered Commercial Roof Insulation satisfies 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 listed under CCMC listing #13037-L and is FM and UL approved.

Please contact your IKO Technical Representative for specific slope requirements.

CHARACTERISTICS	UNITS	MEETS/ EXCEEDS	SPECIFICATION	TEST METHOD	STANDARD LIMITS
Length Tolerance:	mm (in)	± 4 (± 0.16)	CAN/ULC-S704	ASTM C303	+ 6 (+ 0.25) - 4 (- 0.16)
Width Tolerance:	mm (in)	± 2 (± 0.08)	CAN/ULC-S704	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	CAN/ULC-S704	ASTM D2126	max: ± 2 max: ± 2 max: ± 2
Water Vapour Permeance:	ng/Pa·s·m²	✓	CAN/ULC-S704	ASTM E96	>60
Water Absorption:	% by Vol.	✓	CAN/ULC-S704	ASTM D2842	max: 3.5
Compressive Strength:*	kPa (psi)	✓	CAN/ULC-S704	ASTM D1621	min: 140 (20)
Flexural Strength MD: XD:	kPa (psi)	✓ ✓	CAN/ULC-S704	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)	m².K/W (BTU/hr.ft².°F)	1.00 (5.7) 2.00 (11.4) 3.00 (17.1) 4.14 (23.6)	CAN/ULC-S704	CAN/ULC-S770	—

*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.