IKOTherm™ III Tapered

COMMERCIAL ROOF INSULATION

STOCK# **4183900, 4183901, 4183902, 4183903, 4183906, 4183907, 4183909**

PALLET SIZE: **122 cm x 244 cm (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 X = 12.7 - 38.1 mm (0.5 - 1.5 in)

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

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

PIECES PER PALLET:

Type AA = 128, Type A = 76, Type B = 52, Type C = 40, Type X = 96, Type Y = 48, Type Q = 64

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

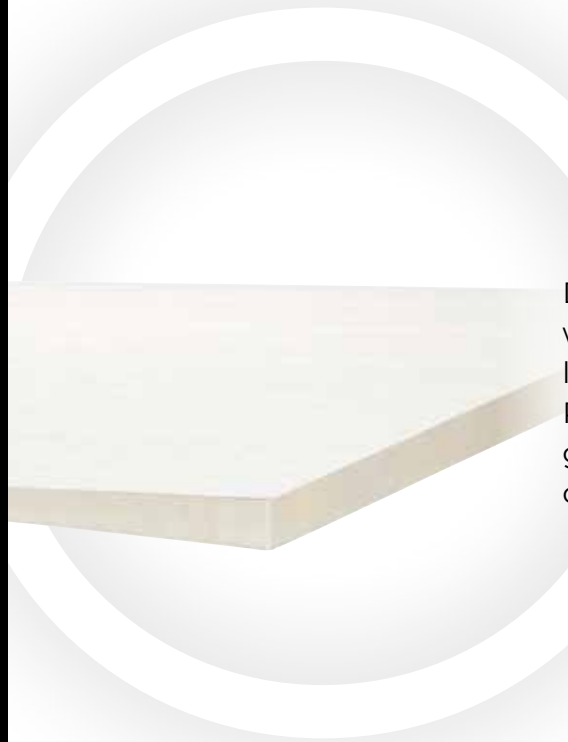
IKO's AccuCut service allows further specialty board dimensions.

Note: All reported values are nominal.

- EXTRA TOUGH
- OUTSTANDING THERMAL RESISTANCE

IKO COMMERCIAL®

Specify *with* Confidence.



Durable and lightweight with an excellent R-value, let IKOTherm III 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 III Tapered Commercial Roof Insulation is designed to be part of a hot or cold applied modified bitumen or built-up roof system. The product features a high compressive resistance to deformation.

Designed for Drainage

IKOTherm III Tapered Insulation provides positive drainage and sloping to both existing and new roof structures and can be sized with ease to meet a variety of insulation needs. A wide variety of slopes are available upon request.

Reinforced Facer

A non-organic coated glass fiber facer is bonded to the foam core of IKOTherm III Tapered Insulation to offer superior dimensional stability and resistance to moisture and mold.

Excellent R-Value

IKOTherm III 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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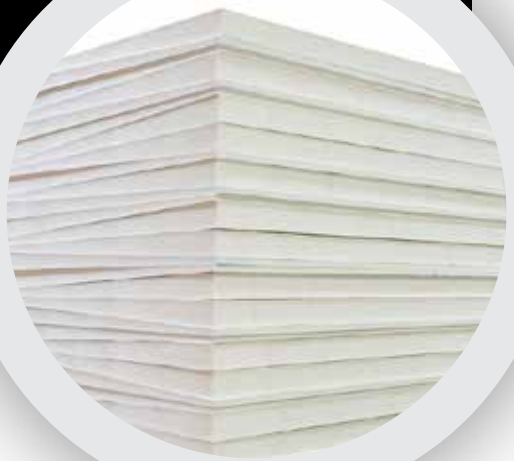

IKOTherm III Tapered Commercial Roof Insulation satisfies the requirements of CAN/ULC S704 for Type 3, Class 3 materials, and ASTM C1289 Type II, Class 2, Grade 3.

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: 170 (25)
Flexural Strength MD: XD:	kPa (psi)	 ✓ ✓	CAN/ULC-S704	ASTM C203	min: 275 (39.3)
Long Term Thermal Resistance (LTTR): Thickness: 50 mm (2 in)	m².K/W (BTU/hr.ft².°F)	2.00 (11.4)	CAN/ULC-S704	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.

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