

IKOTherm™ Tapered

COMMERCIAL ROOF INSULATION

STOCK# 4180230, 4180231, 4180232,
4180233, 4180250, 4180251, 4180252,
4180234, 4180235

PALLET SIZE: 122 cm x 122 cm (4 ft x 4 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 = 124, Type A = 72, Type B = 52,

Type C = 40, Type Q = 56, Type X = 92,

Type Y = 44, Type JJ = 104, Type KK = 56

*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.



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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.



- EXTRA TOUGH
- OUTSTANDING R-VALUE

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IKO®

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IKOTherm Tapered Commercial Roof Insulation satisfies the requirements of CAN/ULC S-704 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.

ISO 9001 – 2008 REGISTERED FACILITY

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)	%	-0.02/-0.03	CAN/ULC-S704	ASTM D2126	max: ± 2 max: ± 2 max: ± 2
At -29°C:	%	-0.02/-0.17			
At 80°C:	%	0.30/0.80			
At 70°C, 97% R.H.:	%				
Water Vapour Permeance:	ng/Pa·s·m ²	✓	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		✓	CAN/ULC-S704	ASTM C203	min: 275 (39.3)
MD: XD:	kPa (psi)	✓			
Long Term Thermal Resistance (LTTR) Thickness:			CAN/ULC-S704	CAN/ULC-S770	-
25 mm (1 in)	m ² ·K/W (Btu/hr.ft ² ·°F)	0.99 (5.6)			
50 mm (2 in)		2.01 (11.4)			
75 mm (3 in)		3.06 (17.4)			
100 mm (4 in)		4.16 (23.6)			

*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. Note: LTTR values shown are for "metric" thicknesses, and will vary slightly from 1', 2', 3' and 4' values. See also Material Safety Data Sheet – MSDS #1511 or MSDS #1911. The information on this product information sheet is based upon data considered to be true and accurate, based on laboratory tests and production measurements, and is offered solely for the user's consideration, investigation and verification. Nothing contained herein is representative of a warranty or guarantee for which the manufacturer can be held legally responsible. The manufacturer does not assume any responsibility for any misrepresentation or assumptions the reader may formulate.