

BUILDING PRODUCTS LISTING PROGRAM

Customer: Modus Structures Inc.
 Class: Thermal Insulation Panels
 Location: Airdrie, Alberta
 Website: <http://www.modusinc.ca>
 Listing No. B1038-2
 Project No. B1038-2 Edition 1
 Effective Date: August 15, 2016
 Last Revised Date: August 15, 2016
 Expires: N/A

Standard: CAN/ULC-S704-11 “Standard for Thermal Insulation, Polyurethane and Polyisocyanurate, Boards, Faced”

Product: Polyisocyanurate Thermal Insulation Panels.

Manufactured in 5-1/2” and 6-1/2” thick panels.

Markings: Product is marked with labels supplied by Modus Structures Inc. The label includes:

- a) Manufacturer’s name
- b) Product name
- c) Date of manufacture
- d) Address, including city and country of manufacture
- e) QAI logo with ‘c’ identifier
- f) QAI Listing number (B1038-2)
- g) CAN/ULC-S704-11

Labels are applied to finished products to ensure visibility on the jobsite.

Models / Ratings: The following outlines the performance of the Modus Structures Inc. polyisocyanurate insulation panels determined in accordance with the noted standards:

Property	CAN/ULC-S704 Type 2 Requirement
Thermal Resistance Minimum at 25 mm Thickness	0.97 m ² *°C/W
Long Term Thermal Resistance Minimum 50 mm thick product	1.80 m ² *°C/W
Water Vapour Permeance at 25 mm Thickness Class 3	> 60 Ng/Pa*s*m ²
Water Absorption Maximum by volume	3.5%



Flexural Strength Minimum	275 kPa		
Tensile Strength Minimum Perpendicular to the plane of the facer	35 kPa		
Compressive Strength Minimum	140 kPa		
Dimensional Stability Maximum	Condition	Length	Width
	At -29°C, ambient RH	± 2.0	± 2.0
	At 80°C, ambient RH	± 2.0	± 2.0
	At 70°C, 97% RH	± 2.0	± 2.0
Dimension Tolerances	Width, mm	+4, -2	
	Length, mm	+6, -4	
	Thickness, ≤ 55 mm thick	+4, -1.5	
	Thickness, > 55 mm thick	+5, -2.5	
	Flatness, mm	< 4	
	Squareness (mm/m), ≤ 1200 mm in length	< 5	
	Squareness (mm/m), > 1200 mm in length	< 9	

Notes: Installation of the product must comply with local building codes and is subject to inspection from the authority having jurisdiction. The CAN/ULC-S704 standard does not address all possible end use concerns. It is the responsibility of the end user of the product to determine the suitability of the product for the intended application. Products covered by this Listing are not evaluated for sound insulation.

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