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TECHNICAL DATA SHEET

ID. QT CIS
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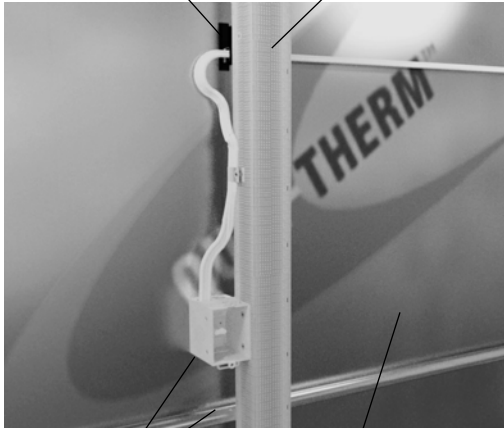
Quik-Therm Concrete Insulation System (CIS)

Plastic Support Stabilizers

Allow for adjustment of metal L-Studs
Plumb & Level uneven walls
c/w Holes for Electrical

Metal L-Studs

OR substitute with
metal or wood framing



Electrical & Plumbing

Electrical boxes mounted to studs
Wiring/piping installed behind studs

CIS Panel Dimensions

1.2 m (4') wide
6.4 cm to 15 cm (2½" to 6") Thick
1.2 m (4') / 2.4 m (8') / 3.0 m (10') Lengths
T&G Connections 1.3 cm x 1.3 cm (½" x ½")

Quik-Therm CIS is a flood resistant patent and patent pending high performance, ALL-IN-ONE interlocking composite insulation system. CIS is designed for interior basement, commercial masonry, retrofit walls and heritage buildings. CIS is manufactured using superior closed-cell, lightweight and resilient expanded polystyrene (EPS), covered with durable and flexible advanced metallic polymer facers. Stud spacing locations are pre-determined and are located every 8 inches to accommodate either 16" (41 cm) or 24" (61 cm) centers. For easy alignment, CIS panels incorporate tongue and groove connections. Installed as per manufacturer recommendations, Quik-Therm CIS meets code compliancy as an air, vapour and radon barrier.

- Effective R-value tested to ASTM C1363 "Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies".
- Tested to ASTM E96 "Standard Test Method for Vapor Transmission of Materials". Meets code compliancy as a vapour, air and/or radon barrier when connections are properly taped or foamed together.

Meets CAN/ULC S701-05 / CCMC #13393-L



Tested By Canadian Accredited Laboratories. Supported By Building Science Engineering

Characteristic	Units	Nominal Value	Test Method
Dimensional Stability - Maximum Linear Change	%	1.5	ASTM D2126
Length Tolerance	mm (in)	±3.2 (±0.125)	—
Width Tolerance	mm (in)	±1.6 (±.063)	—
Water Vapour Transmission	perms	<1.0	ASTM E96
Density	kg/m ³ (lbs/ft ³)	16 (1.0)	ASTM D1622-03
Compressive Strength	kPa (psi)	87 (12.6)	ASTM D1621-04
Long Term Thermal Resistance (LTTR)	Thermal Resistance Remains Stable Over Life of Service		
Flexural Strength	kPa (psi)	202 (29.3)	ASTM C203-05
Flame Spread	—	250	CAN/ULC - S102.2
Smoke Developed	—	410	CAN/ULC - S102.2
2¾" Quik-Therm CIS	Effective R-17.2		ASTM C1363-05
4" Quik-Therm CIS	Effective R-22.13		ASTM C1363-05
6" Quik-Therm CIS	Effective R-29.96		ASTM C1363-05

The information on this Technical Data sheet is based upon data considered accurate. Quik-Therm Insulation Solutions Inc. does not assume any responsibility for any misrepresentation or assumptions the reader may formulate.