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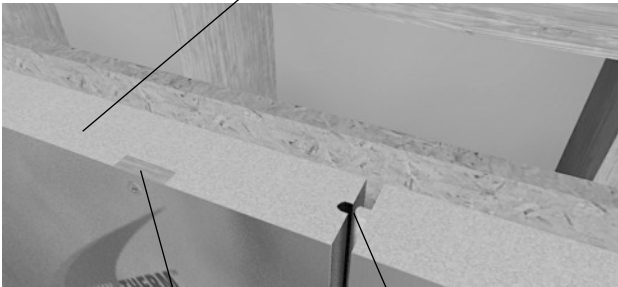
TECHNICAL DATA SHEET

ID. QT Connect
March 2016

Quik-Therm Connect

Connect Panel

1.2 m wide x 2.4 m long (4' x 8')
5 cm to 15 cm (2" to 6") Thick



Tongue & Groove Connections

1.3 cm x 1.3 cm (1/2" x 1/2")

Battens

41 cm (16") or 61 cm (24") O.C.
1.9 cm (3/4") thick x 6 cm (2-3/8") x 244 cm (96")

Meets CAN/ULC S701-05 / CCMC #13457-L



Tested By Canadian Accredited Laboratories. Supported By Building Science Engineering

Quik-Therm Tongue and Groove (T&G) Connect (Connect) is manufactured using Type 2 closed-cell, expanded polystyrene (EPS) with advanced metallic polymer facers. Machined plywood nailing strips/battens are embedded within the insulation panels. Battens are hermetically sealed in place by metallized polymer facers. Battens are mechanically connected through insulation panels directly to wall framing studs/members. Cladding materials such as cement board are mechanically fastened to battens. Quik-Therm Connect has been tested in accordance with CAN/ULC S-701. Connect is durable and does not easily chip crack or break. There is no thermal drift and its R-value will remain stable over its entire service life. Connect does not contain dyes, formaldehyde or blowing agents. It may contain up to 15% recycled EPS.

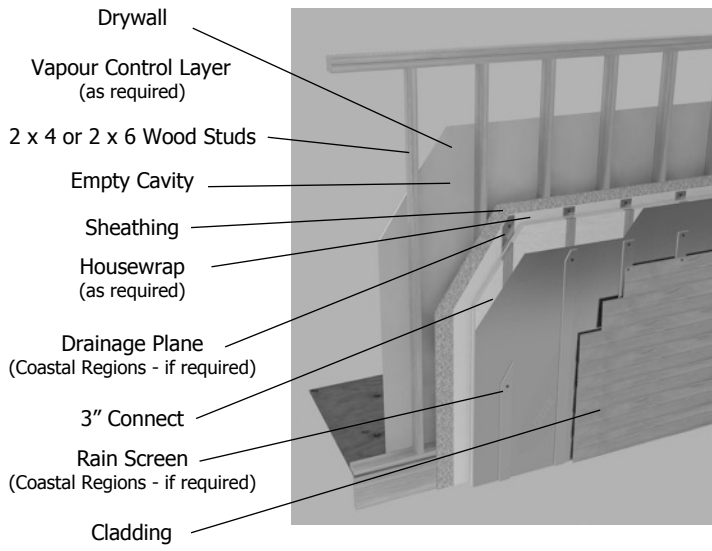
- Effective R-value tested to ASTM C1363 "Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies".
- Tested to ASTM E96 "Standard Test Method for Vapor Transmission of Materials". Meets code compliancy as a vapour, air and/or radon barrier when connections are properly taped or foamed together.
- Tested to CAN/ULC S101-14 "Standard Methods of Fire Endurance Tests of Building Construction and Materials". Up to six story wood frame. Maximum 5 cm (2") thick Connect. Special fasteners and installation details apply.

NOTE: For typical wall designs and Effective R-value ratings, please see back of page.

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 (Type 2)	kg/m ³ (lbs/ft ³)	23 (1.4)	ASTM D1622-03
Compressive Strength (Type 2)	kPa (psi)	136 (19.7)	ASTM D1621-04a
Long Term Thermal Resistance (LTTR)	Thermal Resistance Remains Stable Over Life of Service		
Flexural Strength (Type 2)	kPa (psi)	257 (37.3)	ASTM C203-05
Limiting Oxygen Index	%	26	ASTM D2863-97
Flame Spread	—	250	CAN/ULC - S102.2
Smoke Developed	—	410	CAN/ULC - S102.2

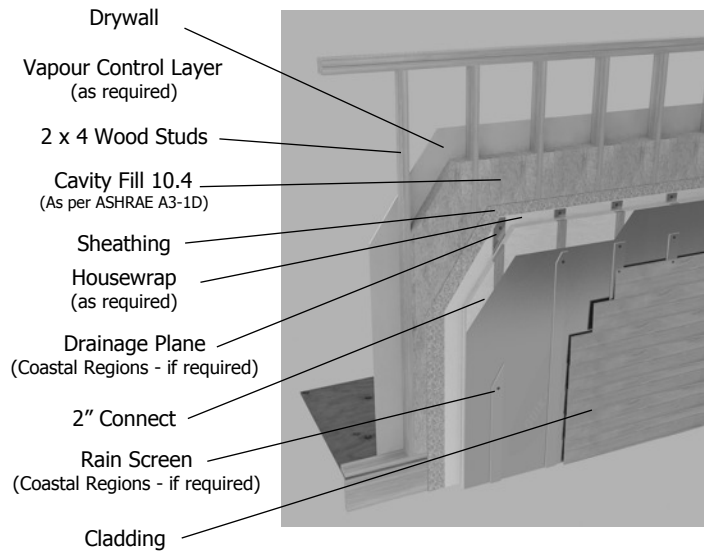
The information on this Technical Data sheet is based upon data considered accurate. Quik-Therm Insulation Solutions Inc. does not assume any responsibility for any misrepresentation or assumptions the reader may formulate.

Code Compliant Part 9



Effective R-17

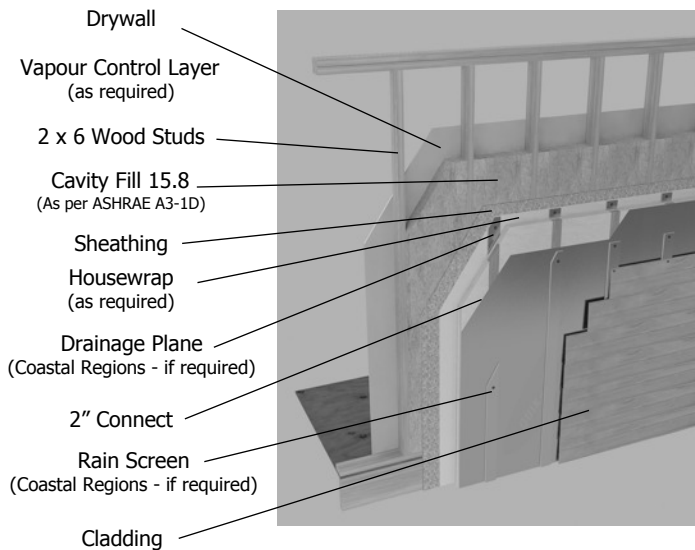
Code Compliant for Zones 5, 6, 7, 8



Effective R-22.1

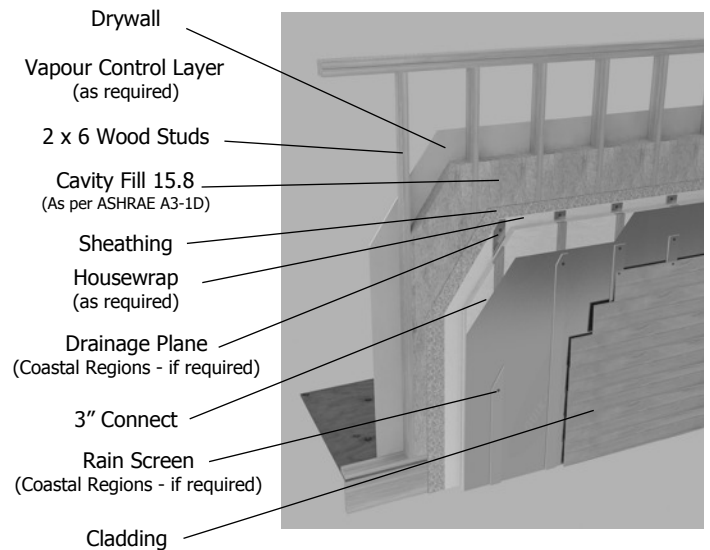
Code Compliant for Zones 5, 6, 7, 8

Code Compliant Part 3 / NECB 2011



Effective R-28.3

Code Compliant for Zones 5, 6, 7



Effective R-32.8

Code Compliant for Zones 5, 6, 7, 8