



LISTING INFORMATION OF
Quad-Lock Insulating Concrete Forms (ICFs)
SPEC ID: 35720

Airfoam Industries Ltd. dba Quad-Lock Building Systems
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Canada

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LISTING INFORMATION

Quad-Lock ICFs are insulated concrete form (ICF) systems that are formed from expandable polystyrene (EPS) beads with polyethylene cross-ties and/or ABS fastening strips. The EPS panels are available in the following thicknesses:

- 2-1/4" Regular
- 3-1/8" Ultra
- 4-1/4" Plus

The ICF systems core nominal thicknesses are available in the following dimensions:

- 3-3/4"
- 5-3/4"
- 7-3/4"
- 9-3/4"
- 11-3/4"
- 13-3/4"

RATINGS

Product/Assembly	Standard	Rating (if applicable)
Quad-Lock Insulating Concrete Form Systems	ASTM E119 (2-1/4 in. EPS)	2, 3, 4 hours Design Listing No. QBS/ICF 240-01
	CAN/ULC-S101	2, 3, 4 hours Design Listing No. QBS/ICF 240-01
	ASTM E2634, including:	
	ASTM C578 (EPS)	Type II, Type IX EPS
	ASTM D635 (cross-ties)	Meets CC2 requirement
	ASTM D1929 (cross-ties)	827.3 °F
	ASTM D1761 (cross-ties)	Meets the calculated requirements
	ASTM D638	Exceeded the requirement of 675 lb/ft ²
	ASTM D732 (cross-ties)	Exceeded the requirement of 163 psi
ASTM D1929 (fastening strips)		
ASTM D635 (fastening strips)	831.7 °F	
ASTM D1761 (fastening strips)	Meets CC2 requirement	

		Meets calculated requirements
	UL 723	Ceiling burning only: FSI: 10 SDI: 5 Floor burning only: FSI: 35 SDI: 1150
	ASTM C177 (2-1/4" EPS)	0.12 F.ft ² .h/BTU
	NFPA 286 (4-1/4" EPS, 6" core, 1/2" gypsum board)	Meets the conditions of acceptance of ASTM E2634

CODE COMPLIANCE RESEARCH REPORT

EVALUATION METHOD	BUILDING CODE	CCRR NUMBER
ICC-ES AC353	2015, 2012, and 2009 IBC 2015, 2012, and 2009 IRC	CCRR-1060

FLORIDA PRODUCT APPROVAL

Product	Product Approval No.
Quality-Lock Insulating Concrete Forms	FL No. 10431

Attribute	Value
Code Reports	Yes
Criteria	CAN / ULC S101 (2007)
Criteria	NFPA 286 (2011)
Criteria	ASTM E2634 (2011)
Criteria	ICC-ES AC353 (2012)
Criteria	ASTM C578 (2012a)
Criteria	ASTM E119 (2014)
Criteria	UL 723 (2010)
CSI Code	03 11 19 Insulating Concrete Forming
Intertek Services	Certification
Intertek Services	Code Compliance Research Report
Listed or Inspected	LISTED
Listing Section	CONCRETE FORMS
Report Number	G101554142; G101872319; G102089016; 484-2063; 3028544; 3105717; 6802; G101314808; 3105457; G103846252
Spec ID	35720
Verification Testing	No