



LISTING INFORMATION OF
**Stronghold Insulation Systems - Insulated Concrete Form
(ICF) Systems**
SPEC ID: 51355

Stronghold Insulation Systems, Inc.
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United States

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LISTING INFORMATION

The Stronghold ICF System is manufactured using expandable polystyrene (EPS) panels with polypropylene cross-ties. The FX Series are with fixed internal cross-ties; the KD Series are with a reversible, interlocking connection design. The core thicknesses are 4, 6, 8, 10 and 12 inches. The product is available in the following sizes and configurations.

Stronghold FX Series

- 4, 6, 8, 12-inch Straight
- 4, 6, 8, 12-inch 90° Corner
- 4, 6, 8, 12-inch 45° Corner

Stronghold KD Series

- 4, 6, 8, 12-inch Straight
- 4, 6, 8, 12-inch 90° Corner
- 4, 6, 8, 12-inch 45° Corner

MATERIAL RATINGS

Test Standard	Test Type	Rating
ASTM C578	Physical Properties	Met Type II Requirements
ASTM E2634	Physical Properties	Met Conditions of Acceptance
CAN/ULC-S701	Physical Properties	Met Type 2 Requirements
CAN/ULC-S717.1	Physical Properties	Met Conditions of Acceptance

FIRE RATINGS

Test Standard	Test Specimen	Rating
NFPA 286	EPS Panel Thickness: 2-3/4 in. EPS Density: 1.45 pcf Interior Finish: 1/2 inch regular gypsum board	Met Conditions of Acceptance

Attribute	Value
Criteria	CAN / ULC S701 (2011)
Criteria	ASTM E2634 (2011, R2015)
Criteria	ASTM C578 (2015)
Criteria	CAN/ULC-S717.1 (2017)
Criteria	NFPA 286-19 (2019)
CSI Code	03 11 19 Insulating Concrete Forming
Intertek Services	Certification
Listed or Inspected	LISTED

Listing Section CONCRETE FORMS
Spec ID 51355