



LISTING INFORMATION OF
Airlite Fox Buck
SPEC ID: 35512

Fox Blocks, a Division of Airlite Plastics Co.
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United States

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LISTING INFORMATION

Fox Buck is a wall opening block-out or buck system designed to integrate into wall systems constructed of Fox Block Insulating Concrete Foams (Fox Block ICF). It is designed as an opening buck to provide increased thermal resistance and adhesion of stucco finishes. It has an integrated polypropylene web structure for fastening. It is available in the following sizes:

- 4", 6", 8", 10" and 12" Panels

MATERIAL RATINGS

Test Standard	Test Type	Rating
ASTM C578 (EPS foam)	Material property	Type II EPS
CAN/ULC S701 (EPS foam)	Material property	Type 2 EPS
ASTM D635 (PP web insert)	Material property	CC1 classification
ASTM D638 (PP web insert)	Material property	Min. tensile strength: 32.3 kN/m ³ (675 lb/ft ²)
ASTM D732 (PP web insert)	Material property	Min. shear strength: 3080 psi
ASTM D1929 (PP web insert)	Material property	Min. ignition temp. 350°C (662°F)

PERFORMANCE TESTS

Fox Buck 6" has met the following ratings when installed in an ICF wall system filled with 25 Mpa special aggregate mix concrete. The joint between the ICF wall system and the Fox Buck is filled with spray foam.

Test Standard	Test Type	Rating
TAS 202 with reference to ASTM E283	Air infiltration	Maximum air infiltration of 0.004 CFM/ft ² at 6.3 psf
TAS 202 with reference to ASTM E331	Water infiltration	No water infiltration occurred at a rate of 5.0 US gal/ft.h and 6.3 psf for 15 minutes
TAS 202 with reference to ASTM E330/E330M	Uniform static air	No resultant failure or distress at a maximum design load of 150 psf
TAS 201 with reference to ASTM E1996	Missile impact	No through penetration
TAS 203 with reference to ASTM E1886	Cyclic wind pressure loading	No resultant failure or distress
ASTM D1761 (PP web insert)	Test performed on flange and cross-web embedded in concrete using a #8 x 2-1/2" DuraGrip deck screw	Ultimate Withdral Strength, lbf • Flange: 276 • Cross-Web: 142 Ultimate Lateral resistance, lbf • Flange: 413 • Cross-Web: 261

FLAME SPREAD RATINGS

Test Standard	Flame Spread	Smoke Development
ASTM E84 (EPS)	≤ 25	≤ 450

Product	Product Approval No.
4", 6", 8", 10", 12" Fox Buck	FL # 17775

Attribute	Value
Criteria	ASTM D1929-96 (2001)
Criteria	TAS 203
Criteria	TAS 201
Criteria	TAS 202
Criteria	ASTM D1761 (2006)
Criteria	ASTM D635 (2006)
Criteria	ASTM D638 (2008)
Criteria	CAN / ULC S701 (2011)
Criteria	ASTM C578 (2012a)
Criteria	ASTM E84 (2015)
Criteria	ASTM D732 (2002)
CSI Code	03 11 19 Insulating Concrete Forming
Intertek Services	Certification
Listed or Inspected	LISTED
Listing Section	CONCRETE FORMS
Spec ID	35512