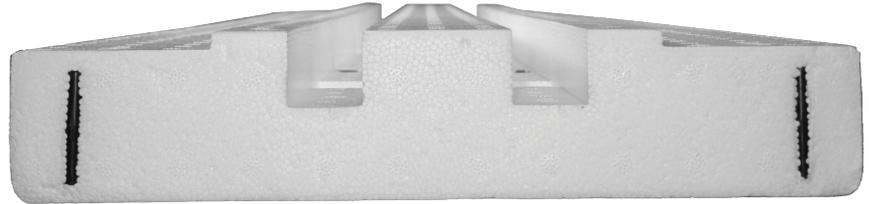


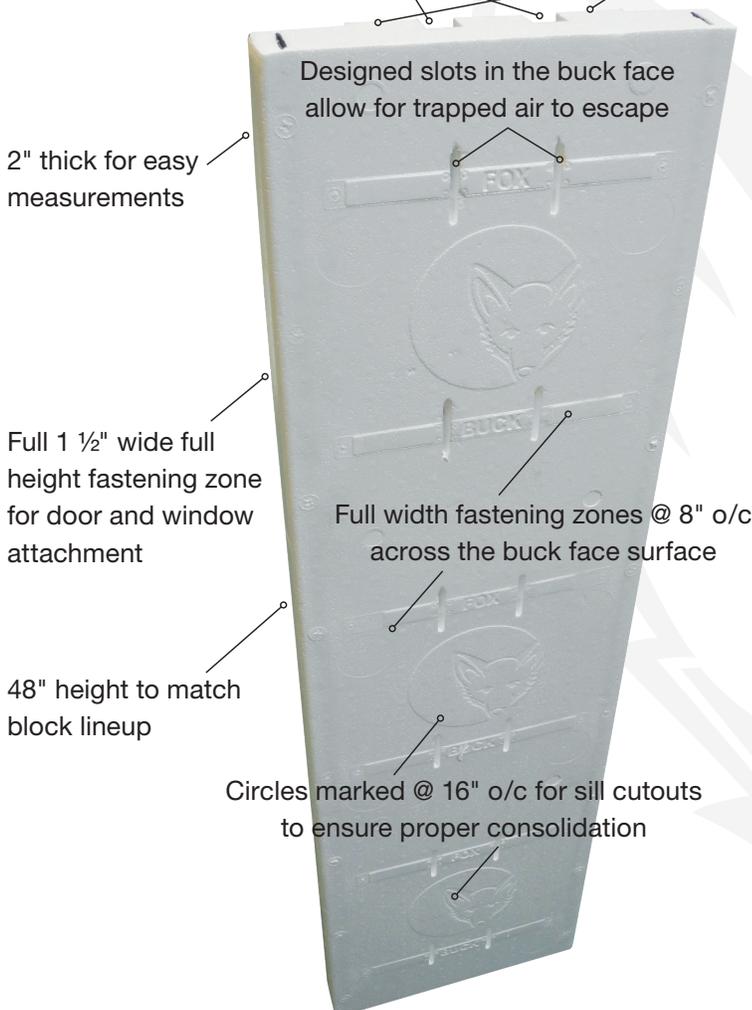
The Fox Buck is a certified, fully integrated, continuous insulated window and door buck system for residential and commercial ICF openings. Fox Buck has completed third-party accredited laboratory testing and obtained high wind approval for the State of Florida (FL17775) including Miami Dade county. This certification required the Fox Buck to pass several test criteria related to wind, impact resistance, moisture and air infiltration.



The Fox Buck has fastening strips molded into the EPS insulation that allow for flange mount window attachments as well as insert windows.

The 2" thick EPS insulated Fox Buck replaces pressure treated wood bucks, eliminating thermal bridging around openings, thermal flanking around a window and the possibility of air and moisture intrusion around the wood buck assembly.

Dual full length 1" x 1" grooves to create solid concrete barriers against Fox Buck and Fox Block drafts and moisture penetration. Notches ensure proper alignment.



FOX BUCK NUMBERS					
Available Sizes	4"	6"	8"	10"	12"
Total Width	9 1/4"	11 1/4"	13 1/4"	15 1/4"	17 1/4"
Total Length	48"	48"	48"	48"	48"
Bundle Quantity	12	12	12	12	12
Bundle Weight	29 lbs	33 lbs	38 lbs	42 lbs	46 lbs



Photo above reveals consolidated concrete barriers created within the Fox Buck

The 1" x 1" notches create a dual barrier against drafts and moisture penetration. When installed properly, the concrete barrier protection is continuous around the entire opening. These barriers also anchor the Fox Buck to the wall with enough strength to hold in most weather* conditions

* Contact Fox Blocks for high wind anchoring recommendations.

INSTALLATION STEPS:

Step 1

- Build wall as normal with opening 4" larger than rough opening.
- Ensure all opening rebar is properly placed and secured.
- Double check opening measurements.



Temporary support can be attached to Fox Buck fastening zones.



Step 2

- Cut sides to length and notch each end 1" as in photo.
- Place Fox Buck sides into place and hold with tape.
Option: Spray foam can be used to completely seal buck to block



Step 3

- Cut and place top and bottom Fox Bucks
Option: Spray foam can be used to completely seal buck to block
- Penetrate all slots with a nail or screw to ensure entrapped air can escape during concrete placement.



Tip

Brace inside opening to hold square during concrete placement.



Step 4

Cut and remove all circles in sill. This will ensure proper concrete consolidation during concrete placement.

Notes:

It is preferred to have these circles cut out prior to placing the Fox Buck sill in place. This will eliminate any foam cutouts accidentally falling into wall cavity.



Tip

When openings are close to a corner, strapping is required to hold corner in place during concrete placement.



FOX BUCK TEST RESULTS SUMMARY		
TEST STANDARD	TEST DESCRIPTION	RESULTS
TAS 201-94	Impact Test	Passed - no through penetration
TAS 202-94	Criteria for Testing Impact and Non-Impact Resistant Building Envelope Components Using Uniform Static Air Pressure	Passed - no failure or distress
TAS 23-94	Criteria for Testing Products Subject to Cyclic Wind Pressure Loading	Passed - no failure or distress
ASTM E283-04 (2012)	Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen	Passed - 0.004 CFM/ft ²
ASTM E330/E330M-14	Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference	Passed - no failure or distress
ASTM E331-00 (2009)	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference	Passed - no water infiltration
ASTM E1996-14a	Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes	Passed - no through penetration
ASTM E1886-13a	Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials	Passed - no failure or distress
ASTM E119 and CAN/ULC S101	Fire Resistance Ratings	Ratings per Intertek Design FXB/ICF 240-01
ASTM E2634 and CAN/ULC S717.1	ICF Standard	Certified to this Standard
ASTM C578 and CAN/ULC S701	Physical Properties of EPS Foam	Type II EPS
ASTM D635 (plastic cross ties)	Burn Rate of Plastic	CC1 Classification
ASTM D638 (plastic cross ties)	Tensile Strength	32.3 kN/M ² (675 psf) Minimum
ASTM D732 (plastic cross ties)	Shear Strength	3,080 psi Minimum
ASTM D1761 (plastic cross ties)	Fastener Direct Withdrawal and Lateral	Refer to Table 2 of IRR-1010
ASTM D1929	Ignition Temperature	350 C (662 F) Minimum
ASTM E84	Flame Spread (FS) and Smoke Development (SD)	FS less than 25 and SD less than 450
UL 1715	Fire Corner Room Test	Passed
ICC ES AC353	Acceptance Criteria for ICFs	Complies per IRR-1010
NFPA 285	Noncombustible Type Construction (Type I-IV)	Approved for EIFS; 7/8" Stucco with lath; and Brick with 1" air gap and steel shelf angles

Notes:

- Accredited and approved 3rd Party Testing and Certification Agency - Intertek Warnock-Hersey
- Wall Test Assembly - Fox 6" ICF forms and 6" Fox Buck 8'x8' wall with a 24"x24" Fox Buck window opening centered in wall
- 25 MPa concrete cured for 28 days
- Design wind pressure of 100 psf and tested at 1.5 times the design wind pressure
- Impact test was subjected to (4) impacts with a 2x4 at 50 ft/s
- Air infiltration at 6.3 psf