

# VBUCK® Block-Out and Bracing Systems

*The Industry Standard  
for Openings in ICF Walls*

## VBUCK® Lineal Information

- 8, 9, 9<sup>1/4</sup>, 9<sup>5/8</sup>, 9<sup>7/8</sup>, 10, 11, 11<sup>1/4</sup>, 11<sup>1/2</sup>, 11<sup>11/16</sup>, 12, 12<sup>1/2</sup>, 13, 13<sup>1/4</sup>, 13<sup>1/2</sup> inch widths to fit nearly all insulating concrete forms
- Multi-Chambered Construction
- Triple Fin Design
- Made of 100% post industrial re-grind PVC

## Connections

- Corner Connectors
- Inside Corner Connectors
- Variable Connectors (for angles)
- Splice/Spline
- Cellular PVC (doors & window stop)

## Specialty Shapes (special order)

- Radii
- Eyebrow
- Ellipse
- Half Round
- Gothic
- Chamfered

## Bracing

- VBRACE™ Size 18/18 (ABS)
- POWER BRACE™ Sizes 34/53, 53/82, 86/104
- YOKE & TIE™
- DOUBLE YOKE & TIE™



# Technical Support

## Instructions:

Sent with every connector order  
On-site training available  
Training modules on website

## CAD Details:

Available on website  
CD available upon request

## Specifications:

www.vbuck.com, e-mail, or fax  
Additional engineering and technical information and testing available upon request.

## Help-line:

1-888-578-2825, 7:00 am to 5:00 pm MST,  
Monday-Friday

VBUCK® Brand Products are patented, licensed,  
and manufactured by

# V.T.I.<sub>nc.</sub>

1-888-578-2825 fax: 1-435-750-6948

P.O. Box 4238, Logan Utah 84323

www.vbuck.com

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Dealer/Distributor

# VBUCK®

US Patent 5,996,293 & 6,070,375

Canadian Patent 2,255,256

## COMMERCIAL



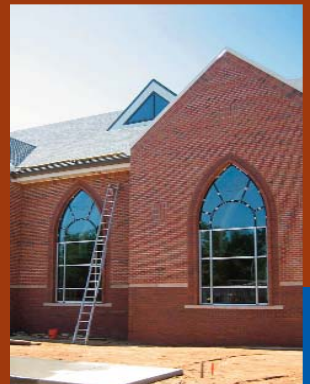
**COMPLETE**



**SAFE**



**SIMPLE**



**STYLISH**

“Get The Wood Out”®

**I n n o v a t i o n s F o r B u i l d e r s**

Paper Contains 10% Recycled Content

# PUBLIC • COMMERCIAL • EDUCATIONAL • RELIGIOUS

- **100% Post Industrial Waste PVC**
    - more stable than wood
  - **Easy to Specify**
    - CAD & testing available
  - **Quality Extrusion and Parts**
    - reliable manufacturing
  - **Will Not Mold**
  - **Fewer Call-backs**
    - no warping or shrinking
    - does not attract insects
- 
- **Less Weight**
    - installs faster
  - **Greater Street Appeal**
    - cleaner job sites
  - **Very Little Waste**
    - can be re-ground
    - can be spliced
  - **100% Reusable Bracing**
  - **Little Assembly Time**
    - 85% faster than wood
- 
- **16 Foot Lengths**
    - for large openings
  - **Corner & Center Connectors**
  - **Variable Corner Connectors**
    - trapezoids, hexagons
  - **Cellular PVC Inserts**
    - add strength for heavy doors
  - **Easy Modification**
- 
- **Full & Half Round**
  - **Ellipse & Eyebrow**
  - **Trapezoid, Octagon & Hexagon**
  - **Recessed Openings**
  - **Store Front & Curtain Wall**

— **VBUCK®** can be fabricated for repetitive openings like those found in hotels, condominiums and schools which cuts construction and labor costs.

— The design flexibility of **VBUCK®** makes it easier to specify arched, gothic and chamfered opening for places of contemplation, museums, theaters and libraries.

— **VBUCK®** counts towards LEED points: **VBUCK®** may be counted as a material that has very little to no waste taken to a land fill. Nearly all **VBUCK®** parts can be recycled or sent to a re-grind facility. They may also be stored for use in another project. Depending on site location and where **VBUCK®** ships from, **VBUCK®** may count as part of the regional materials point.

**Churches, Monasteries, Cathedrals, Residence Halls, Schools, Sports Facilities, Additions, Hospitals, Call Centers, Airport Towers, Fire Houses, Assisted Living Centers, Museums, Sports Clinics, Theaters, Hotels, Condominiums, Retail Facilities, Motels, Restaurants, Warehouses, Malls, Churches, Monasteries, Cathedrals, Residence Halls, Schools, Sports Facilities, Additions, Clinics, Hospitals, Call Centers, Airport Towers, Fire Houses, Assisted Living Centers, Multi-use, Office Buildings, Museums, Theaters, Hotels, Event Centers, Retail Facilities, Condominiums, Motels, Restaurants, Warehouses, Malls, Churches, Monasteries, Cathedrals, Residence Halls, Schools, Sports Facilities, Additions,**



**Hospitals, Call Centers, Airport Towers, Fire Houses, Assisted Living Centers, Museums, Office Buildings, Theaters, Hotels, Condominiums, Retail Facilities, Motels, Restaurants, Warehouses,**



**Malls, Churches, National Park Facilities, Monasteries, Cathedrals, Residence Halls, Schools, Additions, Hospitals, Sports Facilities, Call Centers, Airport Towers, Fire Houses, Assisted Living Centers, Museums, Office Buildings, Theaters,**

**Hotels, Monasteries, Retail Facilities, Motels, Restaurants, Warehouses, Motels, Malls, Sports Clinics, Chu**

# FACTS & TEST DATA

## Product:

**VBUCK®** Block-Out System for window and door openings in Insulating Concrete Form (ICF) structures.

## Patents:

United States 5,996,293 & 6,070,375, Canada 2,255,256

## Basic Technical Data:

Length: 16'1"

Height: outside 3", inside 1 1/2"

Outside & Center Cells 1 1/4" +/-

Wall Thickness: 1/8" +/-

## Widths:

8, 9, 9 1/4, 9 1/2, 9 5/8, 9 7/8, 10, 11, 11 1/4, 11 1/2, 11 11/16, 12, 12 1/2, 13, 13 1/4, 13 1/2 inches. Custom widths available upon request.

## Code Approvals:

Florida — FL 5428

Miami/Dade NOA #06-0705-03

Property	ASTM	Value/VBUCK®
Thermal Performance 8", 11", 13"	THERM 5.2 Computer Simulation	8" R-2.28 11" R-2.82 13" R-3.08
Flash Ignition Spontaneous Ignition	D 1929-96 D 1929-96	392° C (738° F) 481° C (898° F)
Flame Spread Rate of Burn Density of Smoke	E 84 D 635-98 D 2843-99	No sustained burn Class C1 Rating 51.1
Pullout Strength		250 lbs. VBUCK® 400 lbs. w/Cellular PVC insert
Impact Test	TAS 201-94	Pass
Cyclic Wind Pressure Loading	TAS 203-94	Pass
Toxicity		No greater than any other organic material

