Step by Step VBUCK® Assembly

VBUCK® is easy to assemble and install. For a successful installation, follow all assembly, bracing, and installation instructions.

Cut VBUCK® lineal pieces to rough opening measurement.

For the best cuts use a chop saw, compound sliding miter saw, or radial arm saw.

If extra pull-out strength is needed, add cellular PVC insert(s) prior to assembly.

Insert CPVC into corresponding cell where window or door will attach.

Insert corner and center connectors.

Place corner and center connectors in bottom (sill) and lintel (top) pieces.

Attach side pieces to sill.

It is best to assemble VBUCK® from the bottom or sill up.

Attach lintel to top.

After lintel is attached, lay VBUCK® down to fasten ABS VBRACE® corner braces.

Brace each corner.

Fasten braces front and back on all four corners (eight braces). If block-out is small, brace front and back on opposite corners (four braces).

Use fine-thread self-drilling screws to attach bracing.

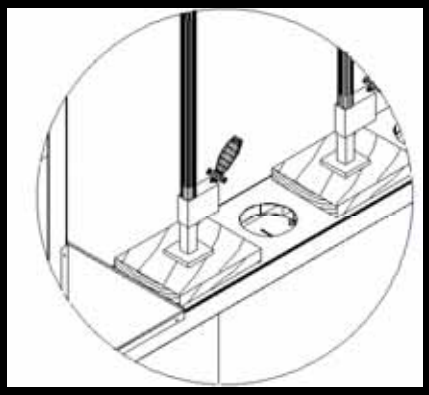
Be gentle with this. Any plastic will strip out if fasteners are over tight. Adjust torque appropriately.

Make sure all corner connectors are inserted completely prior to attaching VBRACES™. If they are loose, secure with a fastener.

Add vertical bracing with the VBUCK® POWERBRACE™.

This is usually done after the block-out is placed in ICF wall. Place 2 x 4 spreaders, top and bottom as shown, bridge those with 2x material (2 x 4 shown here), then insert vertical brace, ratcheting until snug.

Option II: Use large wood blocks (top and bottom) to cover appropriate width, then insert POWEREBRACE™.

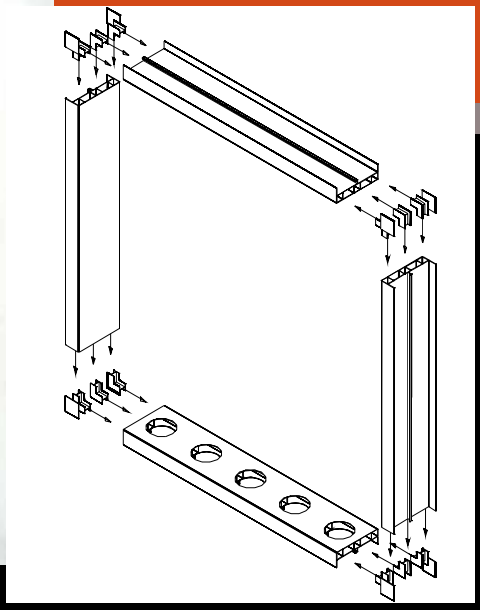


Install in ICF Wall.

The way to ensure a good tight fit, is to place the VBUCK® block-out in wall and stack the ICF around it. VBUCK® can also be used when panelizing.

Drill or cut sill holes for concrete placement.

Number of holes will vary with type of ICF.



Drill holes in sill for placement of concrete. If using a hole saw, run it in reverse for less stress on drill and person drilling. If cutting holes, use reciprocating saw.

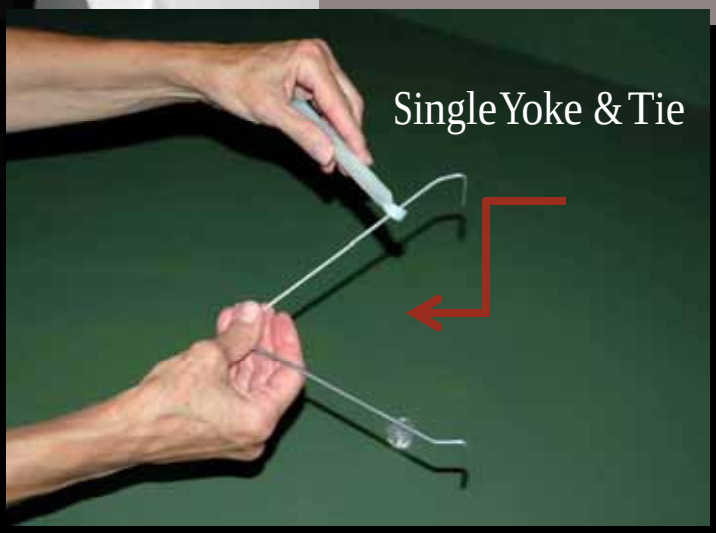
Use Yoke & Tie for lateral bracing.

Snap button in place.

Drill 13/16 hole in VBUCK® and snap in button. Place one Yoke & Tie per course for 18” block, two for 24” block.

Assemble Yoke & Tie™.

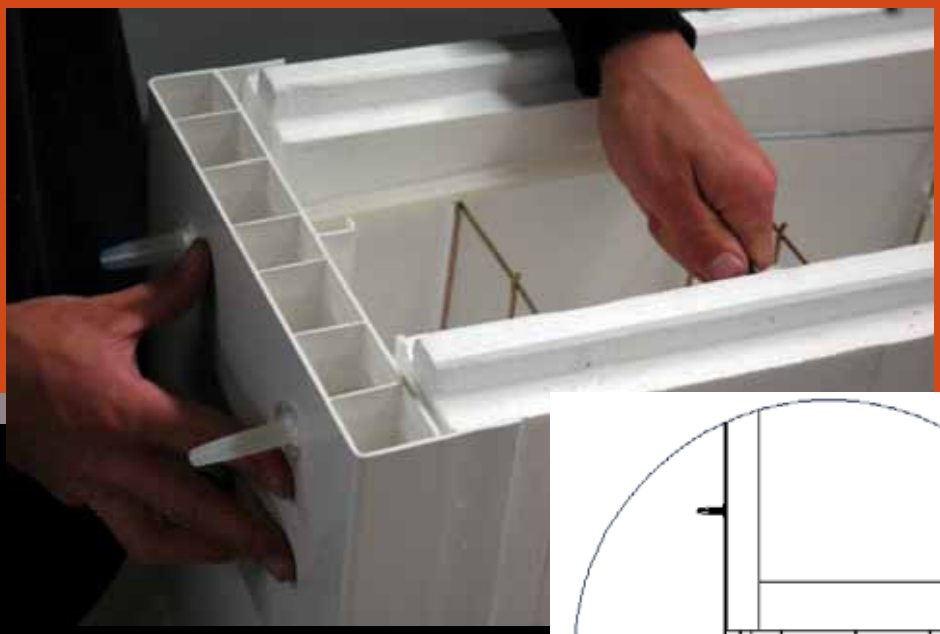
Double Yoke & Tie

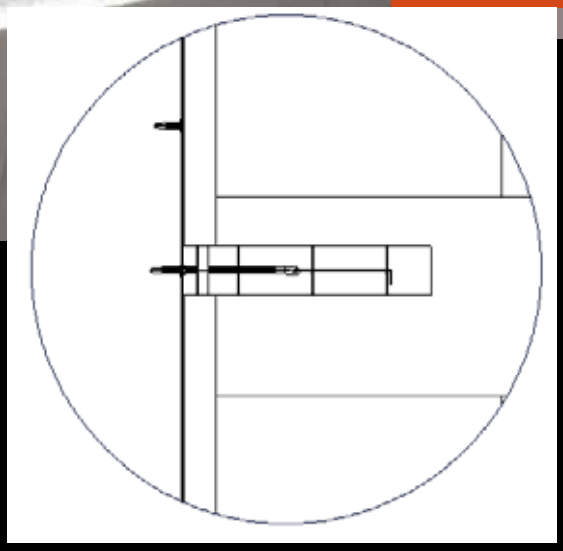


Single Yoke & Tie

Use the single Yoke & Tie™ for VBUCK® widths less than 12” and the double Yoke & Tie™ for all others.

Insert Yoke & Tie™.





Place Yoke over second or third ICF web, then ratchet Tie through buttons on VBUCK ® until snug.

Place foam adhesive.

When ICF wall is complete and prior to concrete pour, squirt a small amount of foam adhesive every 18” on side pieces (front & back) of block-out.

Prior to pour, check for small gaps around block-out

Stitch with plywood or OSB where block may be weakened due to shorter block pieces around opening.

Place concrete.

It is important to make sure all sills are filled along with other lifts. Do not wait until the end of a lift to pour sills.

Get the Wood Out with VBUCK®

Please contact VTI if you have any questions about how to assemble the VBUCK® block-out system.

1-888-578-2825

Review the file titled “Assembly of Shapes” for instructions on how to assemble, brace and install shaped block-outs.