

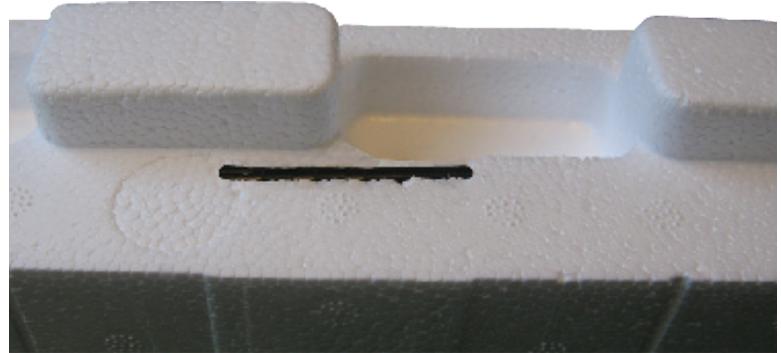
# THE FOX BLOCK INTERLOCK

6110 Abbott Drive  
 Omaha, NE 68110  
 1-877-369-2562  
 www.foxblocks.com

00338A Tech Doc-Interlock.pdf

## THE OLD

For the past twenty + years the interlock of most ICF's in the industry have been designed to be within 1/2" to 1" of the desired building dimension. Most contractors have been trained that it is acceptable to be this far off the desired dimension.



Shows the large 2" long projections and recesses and the full height 1 1/2" wide tie

## THE NEW

When the Fox Blocks interlock was designed our Engineering staff made the choice not to focus on being within 1/2" to 1" from the building dimension but to give the strongest interlock possible. To do this they turned the projections and recesses of the interlock parallel to the block itself and for simplicity/strength they made them 1" wide and 2" long. **We feel you should be square and exactly on the building dimension with all walls and for this reason recommend stacking seams when needed.**



Here is a job, post concrete, that has been constructed exactly to the building dimension by properly stacking seams.

## BENEFITS OF THE LARGE INTERLOCK:

- Minimized movement during concrete placement
- No adhesive required due to tightness of interlock
- Eliminates the need for truss wire within the wall
- The full height ties are always on top or 4" apart of each other

*Please turn sheet over to see the proper procedure for stacking seams.*

Bottom Line:  
 Stop letting 20 year old  
 thinking slow you down!

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## THE NEW TRAINING:

### ROW ONE:

Simply start from each corner to a point within the wall. Cut one of the blocks to fit perfectly. The cut does NOT need to be on the cut lines. Measure the cut block and mark its measurement to the side of that block large enough for everyone to see.

### ROW TWO:

Start from the corners again and when you reach the cut block on row one, cut the block above it to line up exactly. Again the cut does not need to be on the cut line. Measure the cut block and mark its measurement to the side of that block large enough for everyone to see.

### ROW THREE:

*(five, seven, nine, etc)*

Should be exactly the same as row one.

### ROW FOUR:

*(six, eight, ten, etc)*

Should be exactly the same as row two.

### PRIOR TO CONCRETE:

Simply connect vertical seams together with strapping, or plywood, on both sides of each block. Use one 12" to 24" long strap, 3" to 6" wide, made out of 1 x wood boards or plywood sheathing attached with one screw in each tie on each side of seam.

### RESULTS:

We have found that the man hour rate will drop using this method because the crew spends less time thinking how they can get closer to the building dimension and more time actually being productive.



**WRONG**

We have found it to be a waste of time and energy to attempt to offset or stagger the block as in the photo to the left. By creating a vertical stacked seam you will be more accurate with the job dimensions and will increase your profit by gaining efficiency with your crew.



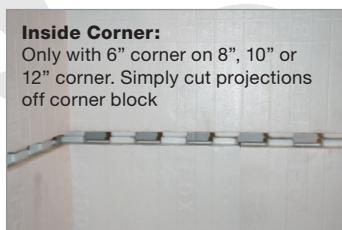
**CORRECT**

### BUILDING MULTIPLE LEVELS WITH DIFFERENT SIZED BLOCK

All sizes of Fox Blocks ICF's fit well on top of each other for any type of configuration with little or no modifications needed. This is simple math. Fox Blocks ICF's are reversible with 2" projections and recesses which means you will work with a 4" offset. For this reason the 4", 8" and 12" block all work well together as they are all divisible by 4". Using the same math the 6" block attaches to all sizes of Fox Blocks with a 2" difference in tie alignment. This is not a concern as this joint line will usually happen at a floor diaphragm.

### 6" CORNER BLOCK ON TOP OF 8", 10" OR 12" CORNER BLOCK:

The 6" corner works well on top of the 8", 10" or 12" corner blocks when going around an outside corner. For inside corners simply remove the projections off the corner block and continue building. You may need to create a stacked seam on one or both sides of the inside corner at which time we recommend you just move the stacked seams for each wall closer to that inside corner.



6" 90° corner block on top of 8", 10" or 12" 90° corner block

