

The foam interlocks in the ICF industry are split into two categories; half of them have very large interlock knobs and widely spaced cut lines and the other half have smaller interlock knobs, which are susceptible to damage in handling. Stronghold reversible interlock is large enough at 1" (25mm) to keep it from getting damaged during typical handling and shipping. The Stronghold foam interlocking knobs are 1" by 3/4" across, by 3/4" deep, with one knob projecting up and one knob projecting down for a 2" interlock pattern.

**STRONGHOLD INTERLOCK ADVANTAGES**

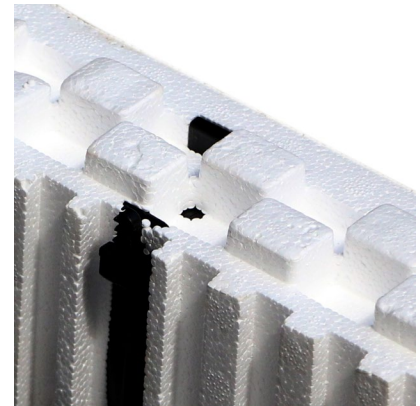
- Fully reversible interlocks allow blocks that are cut to still be used throughout the entire wall. The ability to use the cut portions of block saves time, money and greatly reduces jobsite waste. The reversible interlock also eliminates any concern in regards to the tops or bottoms of blocks, as they can be used either way.
- Reversible corners (both 90° and 45°) allow the contractor to stack block and not worry about whether they will be short, long, left, or right hand corners, and also eliminates inventory concerns.
- When cutting blocks in half lengthwise or in a gable wall application, the cut portions of the block are not wasted and can be flipped over and used on the project.

**BENEFITS OF LARGER INTERLOCKS**

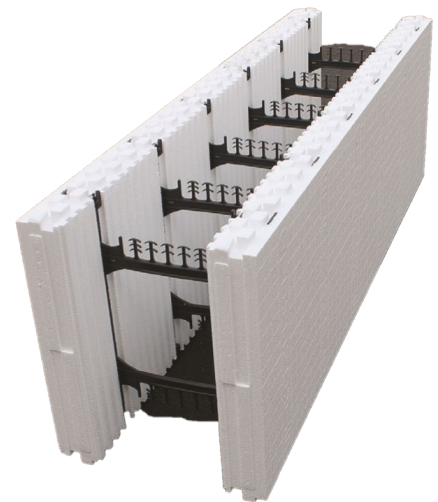
1. Increased efficiency in stacking the blocks
2. Eliminates the need for in wall wire trusses
3. Saves on time, materials, and jobsite waste

**PROJECT DESIGN CONSIDERATIONS**

The interlock size and shape do not limit design dimensions in any way. The interlock knobs are 1" wide, so when cutting the blocks to maintain the interlock pattern, the cuts are made in 2" intervals. Stronghold recommends the use of standing seams when stacking block. Stacking in each corner and meeting in the middle of the wall (preferably in an opening), cutting the blocks at that location to match the building lengths. The standing seam is then braced accordingly to maintain a straight and flat wall.



Reversible Interlock with 1" knobs



During concrete placement, protecting the interlock from concrete, ice, and snow is required when additional courses are to be stacked in freezing weather