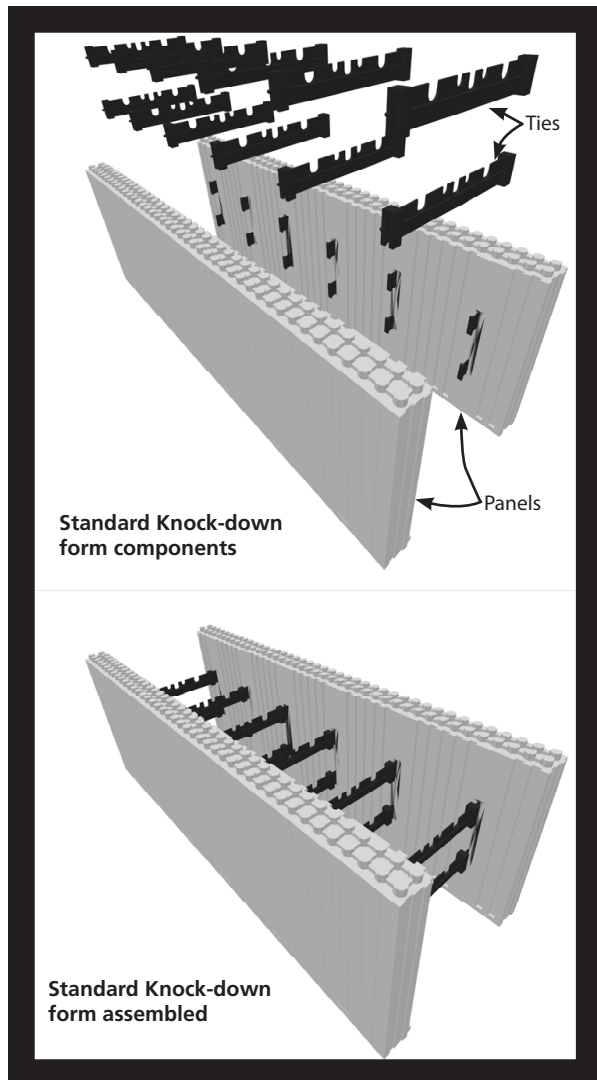


## LOGIX KNOCK-DOWN INSULATED CONCRETE FORMS



The new LOGIX Knock-down ICF system, together with its increasing list of innovative ICF products, makes LOGIX the most flexible and user friendly ICF system in the market.

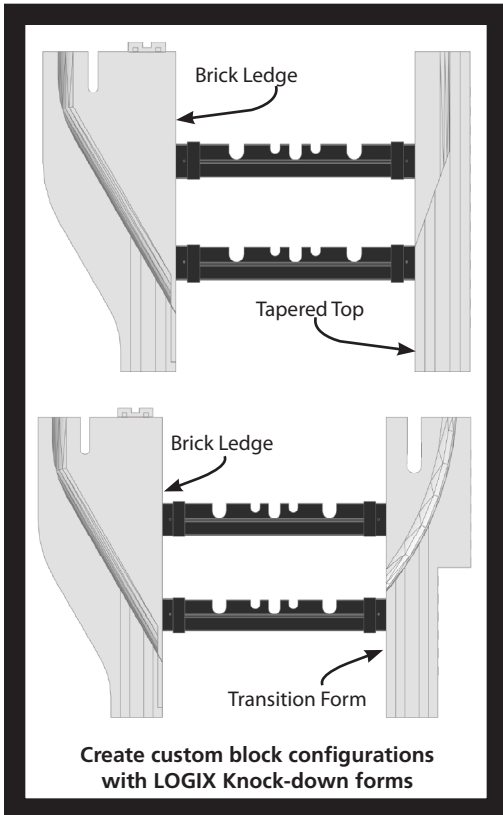
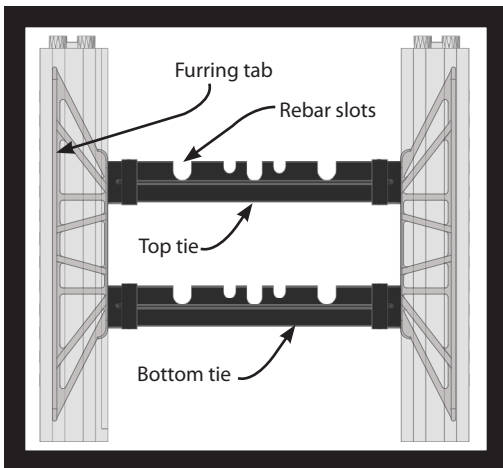
LOGIX Knock-down forms are designed to offer the same benefits as the LOGIX solid ICF system. However, LOGIX ICF Knock-down forms also

- reduce shipping costs and inventory requirements
- accommodates tilt-up wall panel construction
- allows hassle-free assembly of forms around complex rebar patterns (i.e. stirrup or rebar cage pattern in walls)
- allows custom block configurations (i.e. Taper Top-Brick Ledge, Transition block-Transition block, etc...)

### Product Description

LOGIX Knock-down forms consists of two expanded polystyrene (EPS) foam panels measuring 16" tall x 48" wide x 2.75" thick. The panels are connected using snap-in polypropylene ties spaced 8" on center to form the ICF. The ties are available in varying sizes that create 6.25", 8", 10" and 12" thick concrete walls. Corner panels are also available.

## LOGIX KNOCK-DOWN INSULATED CONCRETE FORMS



### Product Handling

There are several methods to efficiently handle LOGIX forms. Unlike most ICF systems, the high foam density and consistent 2-3/4" panel thickness on all LOGIX forms means that handling damage is minimized.

The forms arrive on-site unassembled. Ties and panels arrive on-site packaged in boxes and bundled in stacks, respectively.

### Assembling and Installation

The ties connect to the polypropylene furring tabs embedded in the form panels. The furring tabs are spaced at 8" on center and act as solid attachment areas for drywall, cladding and other wall attachments. A top and bottom tie is required for each furring tab.

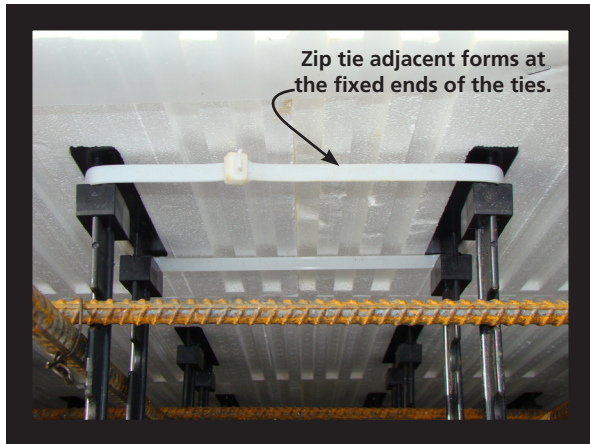
To assemble the forms simply snap into place the top and bottom ties with the rebar slots facing upwards. This will accommodate two layers of rebar.

As the forms are assembled on-site they are stacked in place to form the walls. Stacking the blocks, including required tools, are the same when using LOGIX solid forms (see Section 2 of the LOGIX Product Manual).

In addition, LOGIX recommends the following:

- Use foam adhesive, 2x4s, steel stud angles or other system that will keep the first course in place and properly aligned during the initial concrete pour.
- Zip tie adjacent forms at the fixed ends of the ties.
- Install bracing every 6ft.
- Provide additional form support at corners of 12" knock-down forms.

## LOGIX KNOCK-DOWN INSULATED CONCRETE FORMS

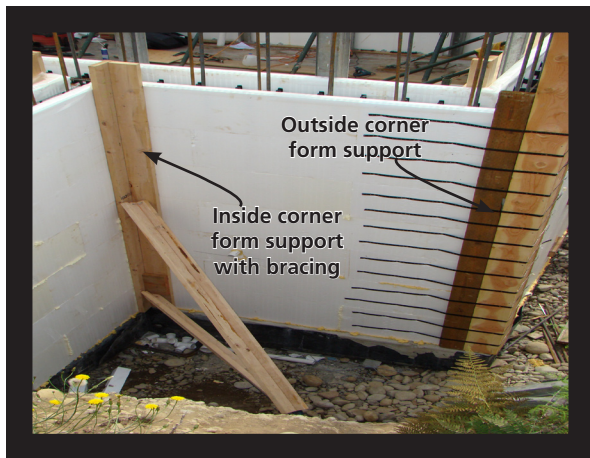


### Corner Form Support

For any type of ICF knock-down system it is good practice to provide additional form support at the corners for 12" knock-down forms.

To ensure a safe and proper concrete pour the following corner form support is recommended:

- Using 2.5" wood screws to fasten 2x6 vertically to the embedded furring tabs on both sides of the corner.
- For outside corners wrap steel strapping around the corners. For the bottom third of the concrete pour height evenly space two strappings for each course. Then one strap per course for the remaining pour height. Using 1.5" wood screws the bands should attach to at least two furring tabs that extend beyond the 2x6 on both sides of the corner.
- For inside corners apply typical bracing as required.



LOGIX Knock-down forms have proven to be as durable and user friendly as LOGIX solid forms, and can handle high concrete pour pressure. For more information please contact [info@logixicf.com](mailto:info@logixicf.com).