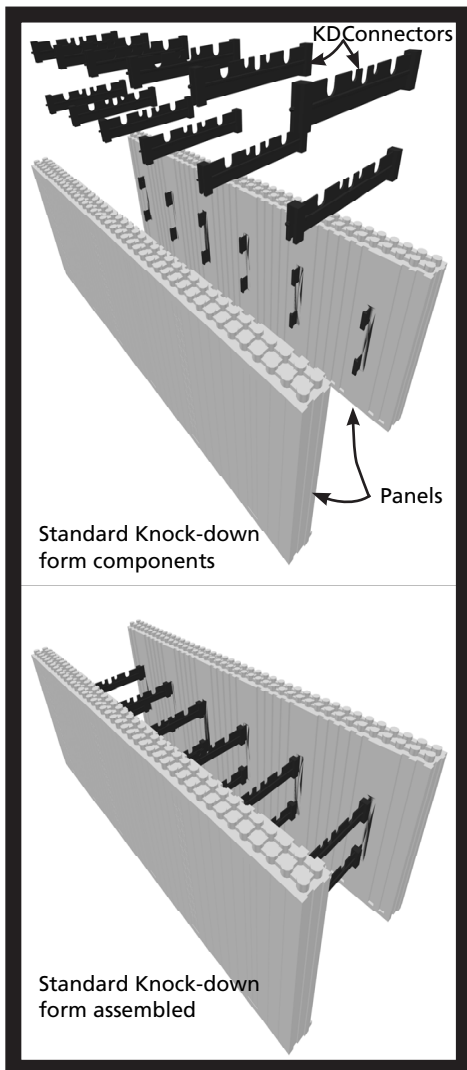


2.7.5 – KNOCK-DOWN FORMS



Logix Knock-down forms (Logix KD) are designed to offer the same benefits as the Logix solid forms (Logix PRO). However, Logix KD forms also

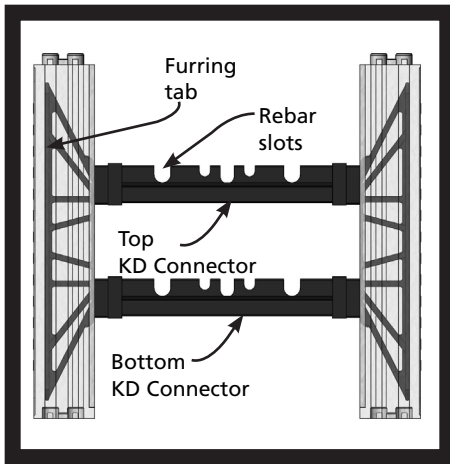
- reduce shipping costs and inventory requirements
- accommodates tilt-up wall panel construction
- allows hassle-free assembly of forms around complex rebar patterns (i.e. stirrup or rebar cage pattern in walls)
- allows custom block configurations (i.e. Taper Top-Brick Ledge, etc...)

PRODUCT DESCRIPTION

Logix KD forms consists of two expanded polystyrene (EPS) foam panels measuring 16 inches (406 mm) tall x 48 inches (1220 mm) wide x 2.75 inches (70 mm) thick. The panels are connected using KD Connectors, snap-in polypropylene ties spaced 8 inches (203 mm) on center to form the ICF. The KD Connectors are available in varying sizes that create 6.25, 8, 10 and 12 inch (159, 203, 254 and 305 mm) thick concrete walls. Corner panels are also available.

2.7.5 – KNOCKDOWN FORMS

CONTINUED



PRODUCT HANDLING

There are several methods to efficiently handle Logix KD forms. The high foam density and consistent 2-3/4 inch (70 mm) panel thickness on Logix KD means that handling damage is minimized.

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

ASSEMBLING AND INSTALLATION

The KD Connectors connect to the polypropylene furring tabs embedded in the form panels. The furring tabs are spaced at 8 inches (203 mm) on center and act as solid attachment areas for drywall, cladding and other wall attachments. A top and bottom KD Connector is required for each furring tab.

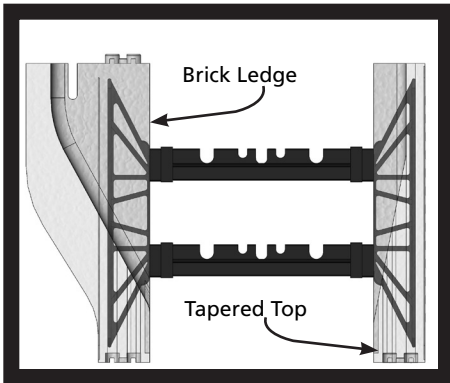
To assemble the forms simply snap into place the top and bottom KD Connectors with the rebar slots facing upwards. This will accommodate two layers of rebar.

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 Pro forms.

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 6 ft.
- Provide additional form support at corners of 12" Logix KD forms.

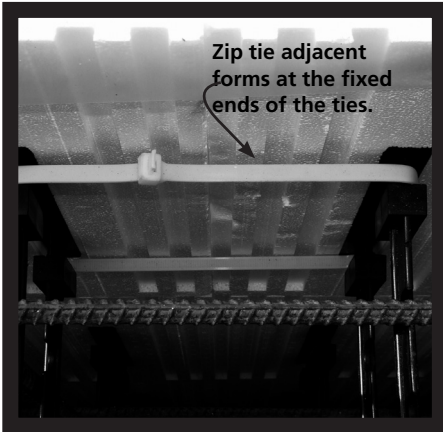
INSTALLATION GUIDE



Create custom block configurations with Logix KD forms

2.7.5 – KNOCKDOWN FORMS

CONTINUED



CORNER FORM SUPPORT

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

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

- Using 2.5 inch (64 mm) 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 inch (38 mm) 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.

