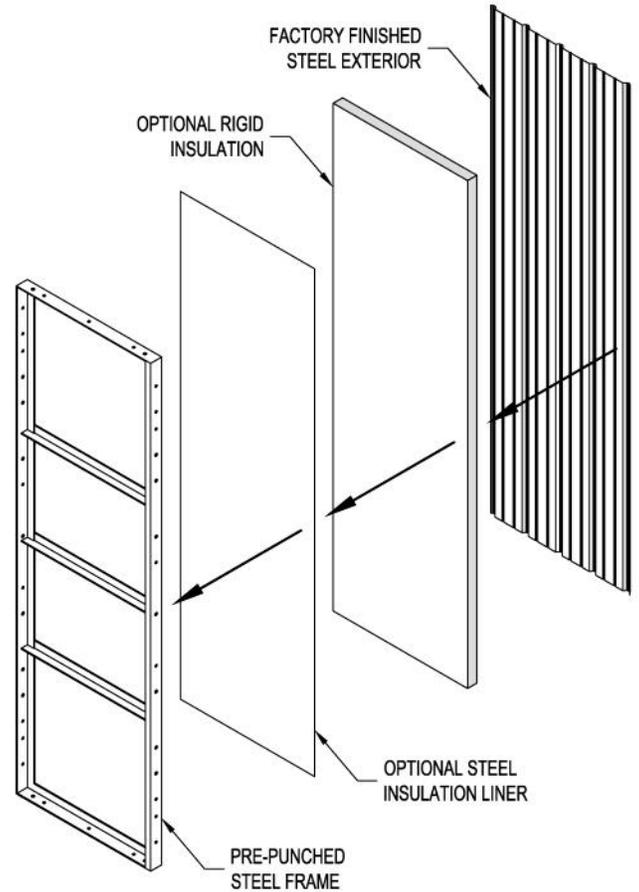


Kelly Klosure System’s buildings are based upon the pre-framed modular panel. This concept takes a 3’ wide piece of steel siding and factory attaches it to a structural steel frame. The purpose of this concept is to allow for faster and easier installation of the building in the field.

The pre-framed modular panel is the structure of the building. The factory assembled panels, with a few additional steel parts, bolt together in the field to create the building shell. The modular panel concept further allows for factory installed and finished windows, light transmitting roof panels, louvers, personnel doors and other openings. These items are factory installed directly into wall or roof panels to create professional quality results without the need for highly skilled installers onsite.

The panelized system creates a building that is extremely versatile to changing needs. Not only can it support factory installed features such as removable roof and wall sections, temporary foundations on existing grade and complete crane liftable structures; it can also support the addition of these features later in its life span. Doors and windows can be easily relocated simply by swapping panels. The building can be quickly expanded in length. If necessary, the entire building can be taken apart, moved and reinstalled at a new location.

This guide will give an introduction to the engineering concepts, factory installed options and features and overall building configuration options available with the Kelly Klosure Systems buildings.



The Kelly Klosure Pre-Framed Modular Panel

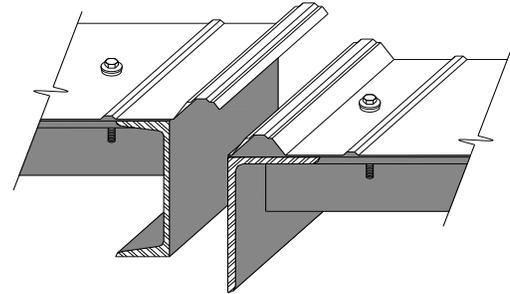


Kelly Klosure’s factory finished panels have an overlapping edge on one panel that corresponds to an underlap edge on the next panel. In the field, as the panels are attached to each other, this overlapping edge creates a weather tight seal without need for stitch screws or sealant.

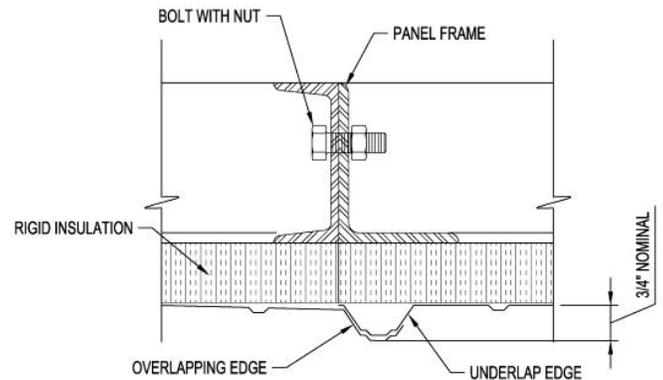
As one modular panel is attached to the next, the adjacent vertical members of both panels are bolted periodically up the entire length of the panel to create a combined structural member that is stronger than the two separate members. This combined member formed from the bolting of two panel frames together is the basis for a Kelly building’s strength.

The Kelly Building System uses two different structural systems to create pre-engineered buildings from 6’ wide up to 54’ wide and custom structures beyond 54’ wide.

- Repetitive moment frames with knee and ridge braces
- Roof trusses with shear walls



Kelly Panel’s Anti-Siphon Overlapping Edge



Two Panels Create a Structural Combined Member



42’ Wide Building

Using Repetitive Moment Frames with Knee & Ridge Braces



24’ Wide Building

Using Trussed Roof and Shear Walls