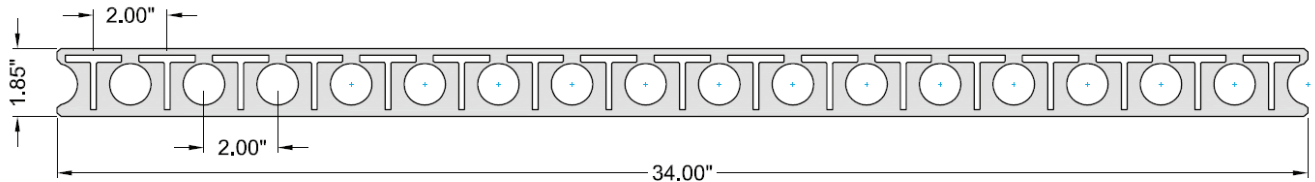


Quad-Lock Straight Bracket



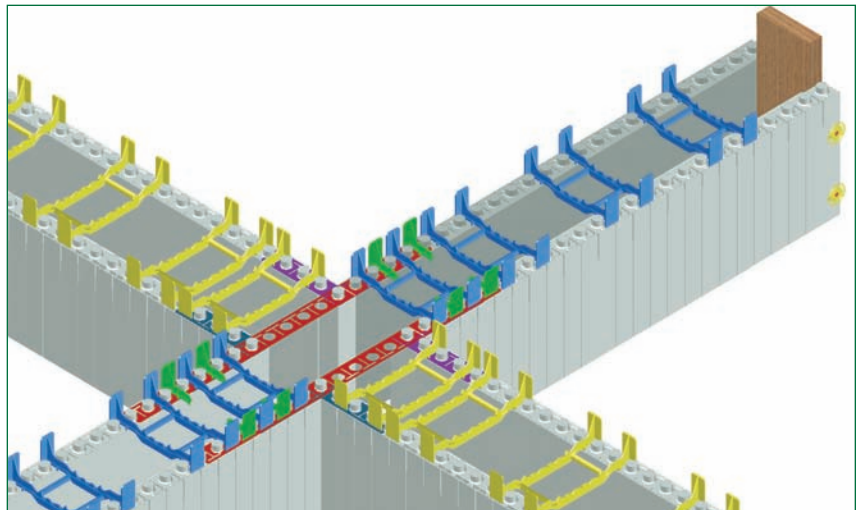
One of the most popular components of the Quad-Lock ICF system are the metal brackets for supporting corners, T-walls, window/door openings – and now, 4-way wall intersections. Metal brackets interlock with panels and ties to provide critical support against concrete pressure while requiring no external bracing. This means that in most cases, crews can work safely from the inside of the building (from successive floor levels) with no ladders or scaffolding necessary on the outside of the building.

The new Straight Bracket (Part Number: CBS) allows the installer to secure a 4-way wall intersection by placing pairs of 34 inch long Straight Brackets that span across intersecting walls. This provides a solid connection between two wall segments that have been interrupted by another wall plane. For example, the diagram below shows an exterior wall that passes between an interior wall and an exterior buttress wall. This situation is common in commercial and multi-family residential buildings, in areas like:

- Deck areas requiring separation between units
- Support of heavy roof components
- Reinforcement of tall retaining walls

The buttress wall can now be secured back to a longer wall section, and will not have to be braced from outside the building line. In the case of multi-story construction, the higher the building, the more safe and economical this becomes, as crews can work from the safety of the inside of the building.

Straight Brackets should be used in pairs and secured with at least 4 tie flanges on each end of the brackets. If the normal tie layout does not result in 4 tie flanges in the bracket, cut additional flanges and insert between the normal ties. Place ties as close to the wall intersection as possible.



For more information on the Straight Bracket, contact the Training and Technical Services Department or technical@quadlock.com.

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