



Bracing Installation Guide Lines

1. When laying out bracing keep in mind how it will safely support scaffold planks.
2. At each corner you require at least one scaffold support bracket, place one strongback within 24" of the corner with the scaffold bracket and one at 8" away from the inside corner without a scaffold bracket. Repeat this for the opposing wall return face.
3. Space bracing to meet safety code. (9 webs, 72" apart, work good for 14' planks).
4. Attach strongbacks using one #10 sheet metal screw, at the top of the slots, into the tie of each ICF block. Keep screws loose enough to slide in the slot. Do not use self tapping screws.
5. Attach one turnbuckle and scaffold bracket to one strongback and measure to make sure height will be good for the support of the walls and provide a safe height to place concrete. We recommend the turnbuckle be attached to the strongback so a minimum of 2/3's of the wall is below the turnbuckle and at between 45 and 50 degree angle from the floor.
6. Install all turnbuckles at same height.
7. Pre-adjust turnbuckles to a midpoint neutral position before securing them to the precast.
8. Install all scaffold brackets at same height to allow planks to line up.
9. Place planking and secure in place.
10. Install guardrails if needed.
11. At this time, plumb all strongbacks before continuing to build the walls.
12. Prior to concrete placement, re-plumb all walls and install a string line at the top of the wall along the outside edge. Slide a 3/4" spacer block between the string and the form at each corner, and slide a 3/4" spacer block along wall and adjust the plumb of the wall with the alignment turnbuckles as you move along the wall from corner to corner.
13. During the concrete placement monitor the string line and if the wall moves toward the string have someone adjust it back then. Don't wait until the wall is full before doing so.
14. After the concrete placement, re-align the walls using the string line, 3/4" wood blocks and turnbuckles. Do not plumb the walls by using a level at each brace location. This will give you plumb walls at the bracing locations but not necessarily straight walls.
15. After adjusting all walls to plumb, take a last walk around the building to check that the walls have not moved. If you do have more adjusting continue to walk around the walls and adjust them until no re-adjusting is necessary. At that point, get off the walls and let no one get back up until the walls have set.