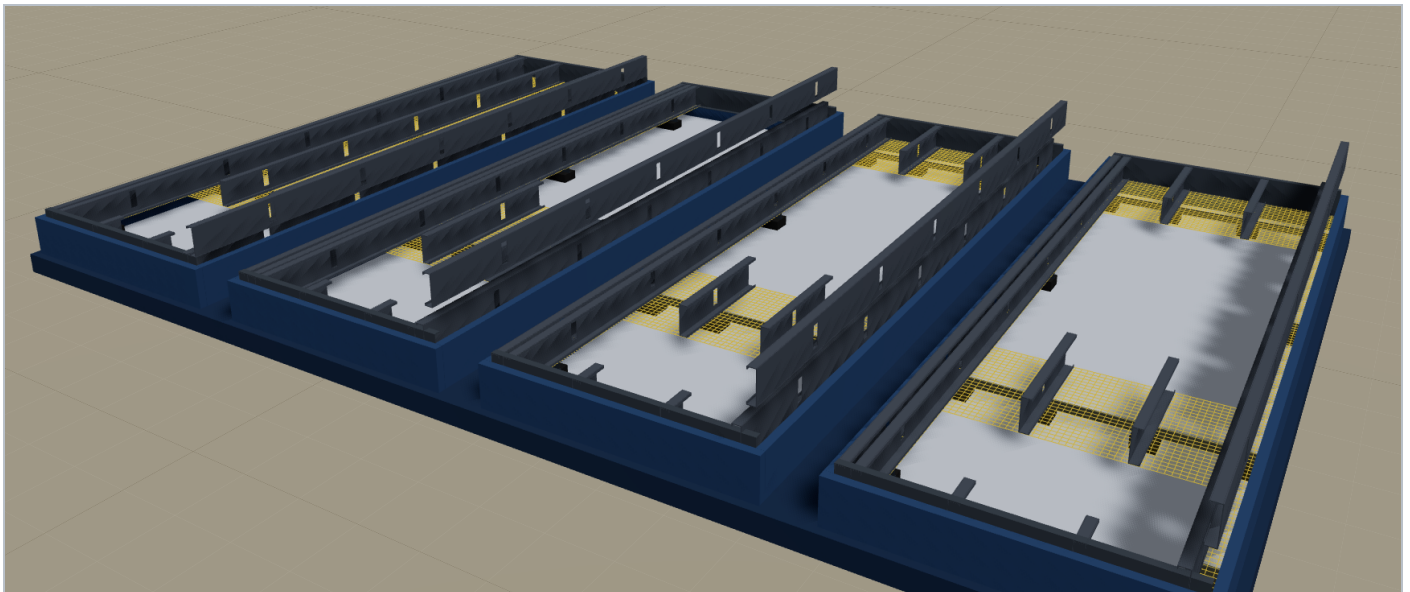


Preparing the bed

The bed has 4 slots, 12 in apart, sized for the tallest panel at 150 in. Everything on this sheet happens before any steel goes in the slot, because once the steel is in you cannot see the liner.

Do it in this order

- 1 Clean the slot out. No debris, no water, no ice, no snow.
- 2 Set the edge forms around the slot. They are 1-1/2 in thick and stand 8 in tall.
- 3 Check the forms are straight and plumb along the whole slot, not just at the ends.
- 4 For a short panel, set the movable end board and measure its position from the fixed end of the slot.
- 5 Lay the plastic liner. Pull it flat. No wrinkles.
- 6 Look over the liner: no tears, no wrinkles, no debris, no cured residue from the last cycle. Anything on the liner prints through onto the finish wall of somebody's house.
- 7 Apply release agent evenly, per the maker's instructions. Keep it off the mesh positions and off the steel bearing positions, because the concrete has to bond there.
- 8 Measure the slot length at both ends, and the width at both ends and mid-length. Write the values on the form.



The four-slot bed. Blue edge forms, the liner in the bottom of each slot, and the steel going in on top of it. The bottom of the slot is the finish face of the finished wall. Figure file: wall-01-casting-bed.png

STOP

Do this check **before** any steel, mesh or embedment is placed. A check made after the steel is in cannot see the liner, and the liner is the finish face.

Preparing the bed (continued)

NOT SETTLED YET

Every dimensional criterion on the bed check is [PE TO SET]: slot length, slot width, movable end board position, edge form straightness, edge form plumb and height, and the flatness of the bed and liner over a stated length. The flatness one matters twice over, because it is the flatness of the finish wall as well as a structural characteristic. Until the engineer of record sets them, **write the measured values and take any doubt to the quality manager. No slot is accepted against a criterion that has not been set.**

Weather

No slot is accepted with standing water, snow or ice in it. Concrete is not mixed or placed during freezing weather, during rain or snow, or over standing water, snow or ice. If the slot is not dry and clear, it does not get used today.

THE RECORD YOU SIGN

QF-14 Bed and form check, signed by the QC inspector. One line per slot, with the measured value in every cell. A failed slot is not used until it is corrected and re-checked on a new line. The completed form is attached to the travelers of the panels cast in that cycle, and station line 1 of QF-13 Panel and unit traveler is signed.