

The cladding sheet

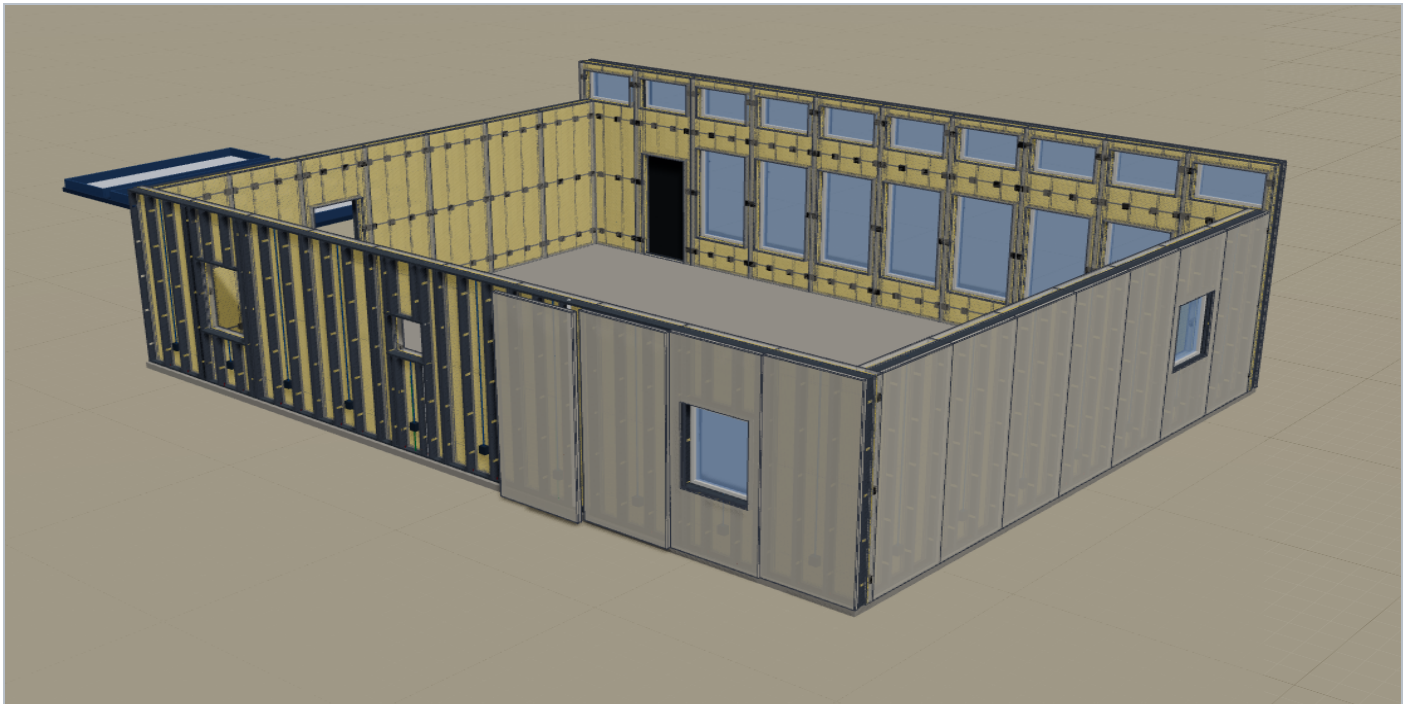
A 2 in sheet of the same 35 pcf cellular concrete, with mesh in it, cast in the same bed as the panels. It screws onto the outside stud flanges and it is the outside face of the building.

Casting it

A cladding sheet is a cast product with its own serial number and its own traveler, and it gets exactly the same checks as a panel: bed and form check, mesh placement, pre-pour hold, pour and density, 7 day cure, strip, and dimensional and surface inspection. Same mix, M-35 at 35 pcf.

Installing it

- 1 Check the rough-in hold is signed first.** The cladding is one of the two faces that hold the fill in, and once it is on, the cavity is closed to view.
- 2** Screw the sheet to the exterior stud flanges.
- 3** Hole at every opening, in the same place as the hole in the skin.
- 4** Check the sheet is tight to the flanges all the way along, because the fill is going to push on it.



2 in cladding sheets going onto the exterior stud flanges, half the building closed and half still open frame. Figure file: wall-05-cladding.png

The cladding sheet (continued)

NOT SETTLED YET

[PE TO SET: the screw pattern and count fixing the cladding to the stud flanges. The model carries an assumed count and no pattern.] [PE TO SET: confirm that bare cladding is acceptable as the weather face, or name what it needs. There is no exterior finish over the cladding on the walls, by Ken, 6 September 2026, so the cast face is the weather face.] [PE TO SET: the detail that keeps the air barrier, the vapour barrier and the flashing continuous at every panel joint and at the top track. No air sealing detail exists today, and the house has to test at 4 ACH50 under Montana's amended energy code, with the panel joint as the leak path.]

STOP

The cladding face is what the customer sees for the life of the building and there is nothing going over it. Handle the sheets like finish material, not like sheathing. Chipped edges and scuffed faces are the finished product.

THE RECORD YOU SIGN

The sheet's own QF-13 Panel and unit traveler, carrying QF-14 Bed and form check, QF-15 Mesh and embedment placement check and QF-17 Panel dimensional and surface inspection exactly as a panel does. Installing it on a unit is station 11 and is recorded in the cladding section of QF-18 Shower house assembly, MEP rough-in and cladding inspection, which is signed **after** the rough-in hold and **before** any fill is pumped. That is line 12 of QF-13 Panel and unit traveler, and the fill is line 13.