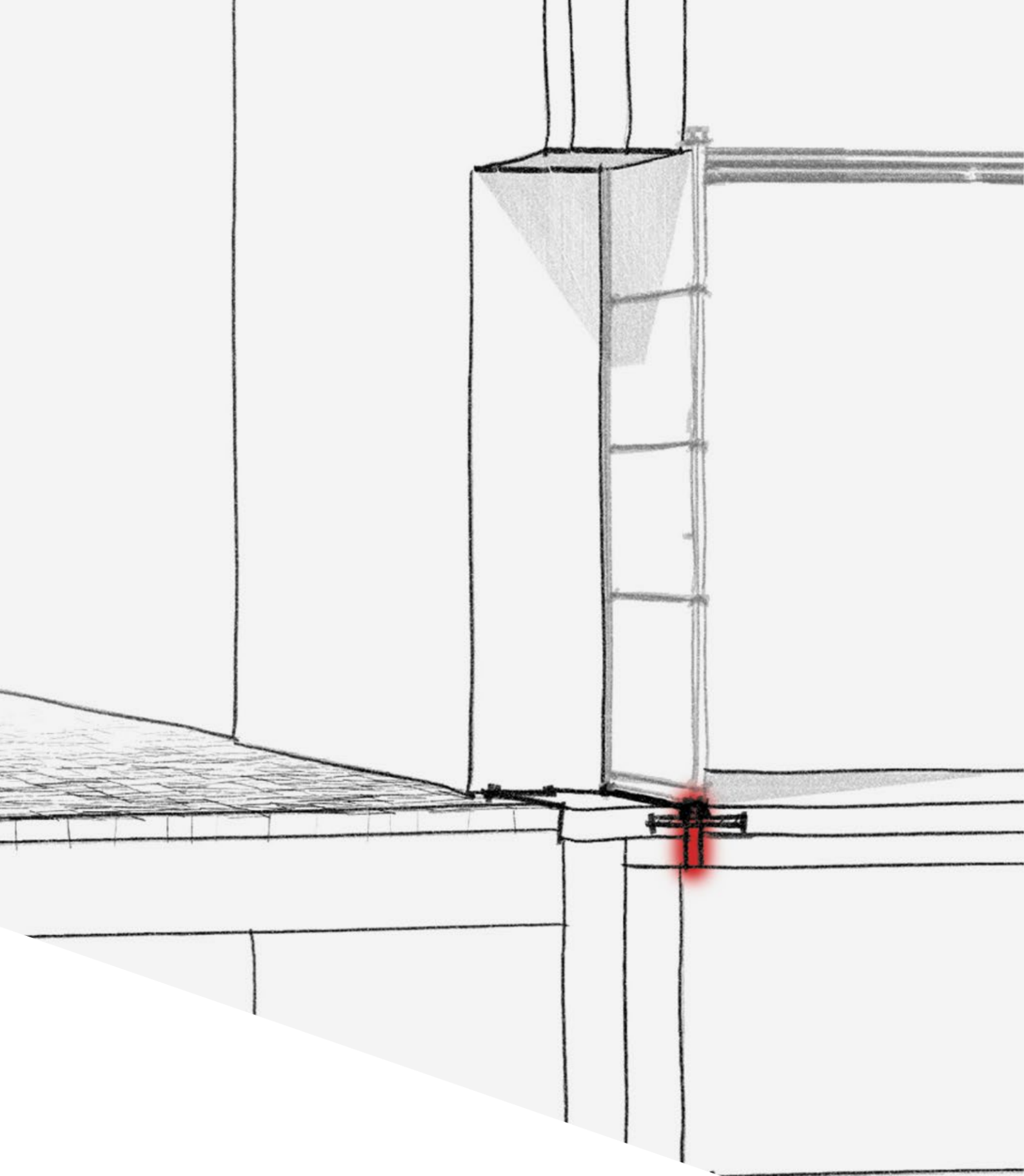




SOJLO® M

Installation and handling instructions
Applies to 3M / 3.5M / 4M solutions

ENEREST 

SOJLO® M kit

1. PIR profile 1000 x 80 x 80 mm, 4 pcs (B)
2. Cellular glass installed horizontally, 100 x 300 x 450 mm, 7/8/9 pcs* (C)
3. Cellular glass installed vertically, 50 x 200 x 450 mm, 7/8/9 pcs* (D)
4. TPE U-profile 3.2/3.7/4.2 m* (F)
5. Glass-fibre anchors 350/200 mm, Ø12 mm, 14/16/18 pcs* (G)
6. Cold-applied bitumen adhesive 5 kg (C)
7. MS hybrid adhesive 290 ml, 4 pcs (D)
8. Cellular glass 25 x 100 x 300 mm, 2 pcs (H)
9. Plastic insulation anchors 8 x 115 mm (B)
10. Self-adhesive foam seal 10 x 70 x 200 mm (D; E)
11. PU foam adhesive, 1 pc (D)

Additional materials that may be required depending on site conditions:

1. Tile adhesive or cement mortar for installing the horizontal cellular glass if the substrate is uneven.
2. Strong PVC tape to cover the U-profile during concrete casting.

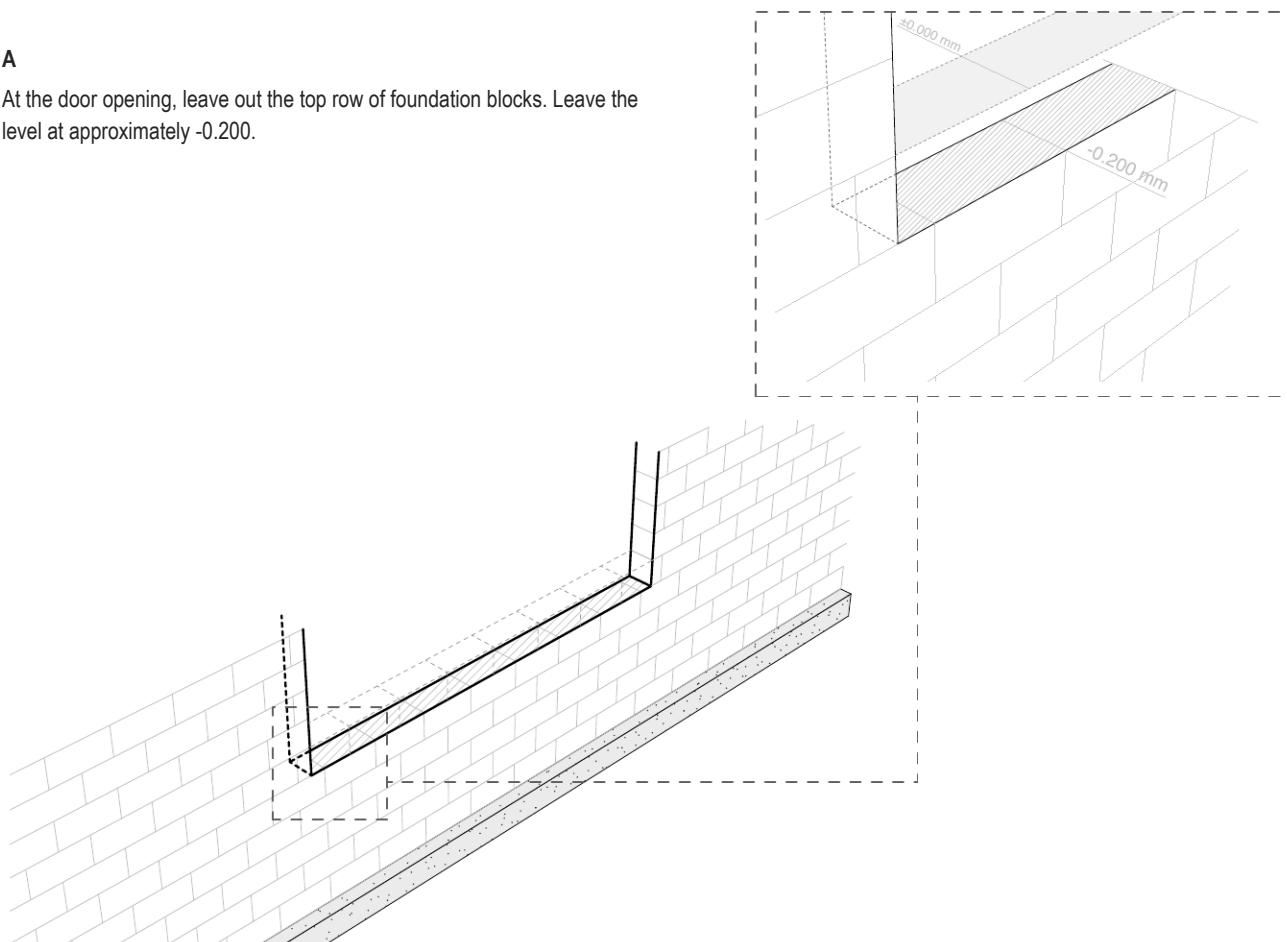
*Quantity depends on kit length: 3M / 3.5M / 4M

SOJLO® solution - patent pending

Installation with a strip foundation:

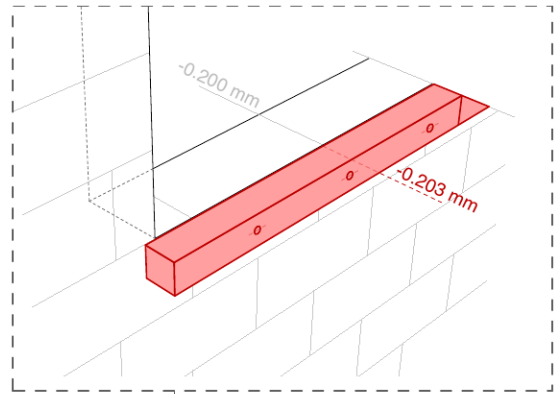
A

At the door opening, leave out the top row of foundation blocks. Leave the level at approximately -0.200.

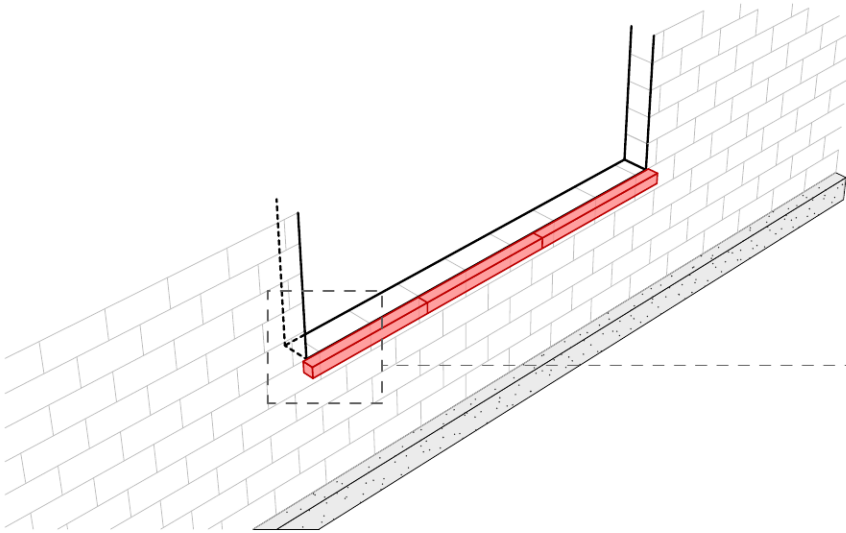


B

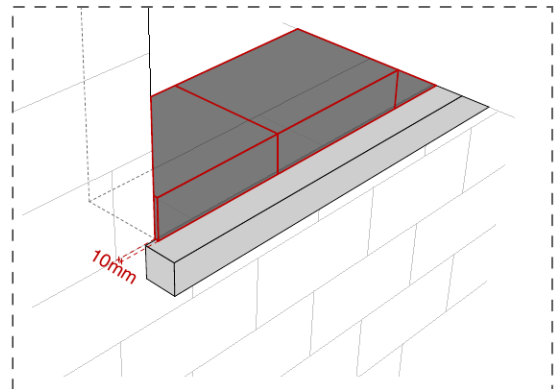
Bond the PIR insulation profiles, 1000 x 80 x 80 mm, to the inside of the second-highest block row using MS hybrid adhesive. If necessary, secure them with plastic insulation anchors. Align the top edge of the PIR profile horizontally at level -0.203.



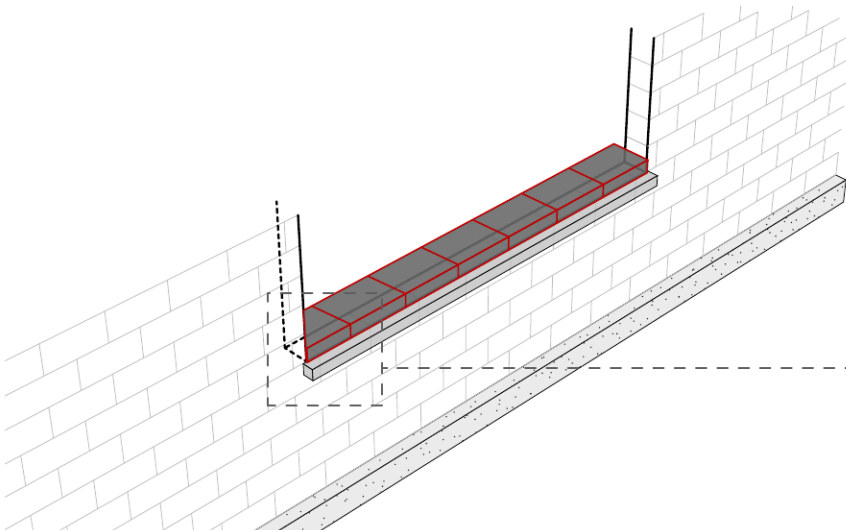
Top of profile
203 mm below the
finished garage floor.

**C**

Install 100 mm thick cellular glass insulation on the second-highest foundation row using bitumen adhesive (or tile adhesive). Align the inner face so that its edge is 10 mm inside the finished inner face of the garage walls. Seal all joints with bitumen adhesive.

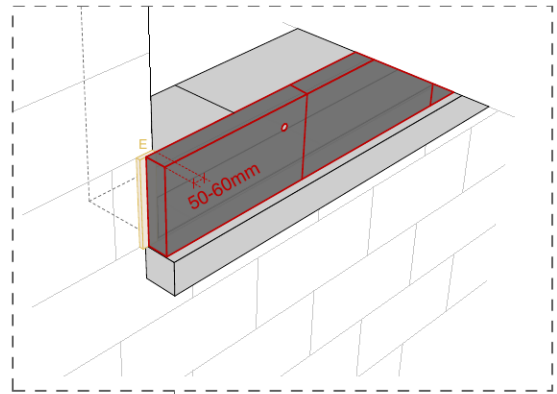


NOTE: During bonding, the outdoor temperature must be at least +5 °C. Depending on the temperature, allow up to 24 hours for the adhesive to cure.

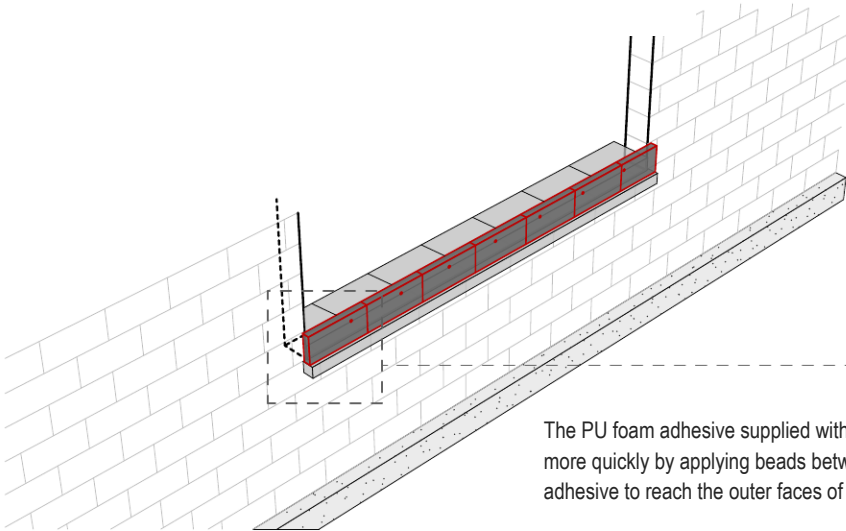


D

Install the vertical Perinsul HL cellular glass on the aligned PIR profile using MS hybrid adhesive, pressing it against the previously installed horizontal cellular glass. The ends of the vertical cellular glass must extend 50-60 mm beyond the garage-door opening. Install the foam seal (E) between the masonry and the cellular glass; remove the release paper before installation.



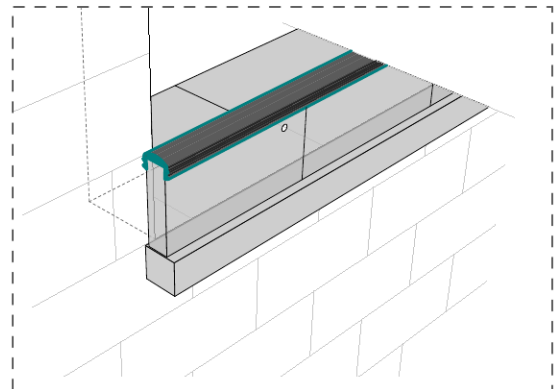
NOTE: During bonding, the outdoor temperature must be at least +5 °C. Depending on the temperature, allow up to 24 hours for the adhesive to cure.



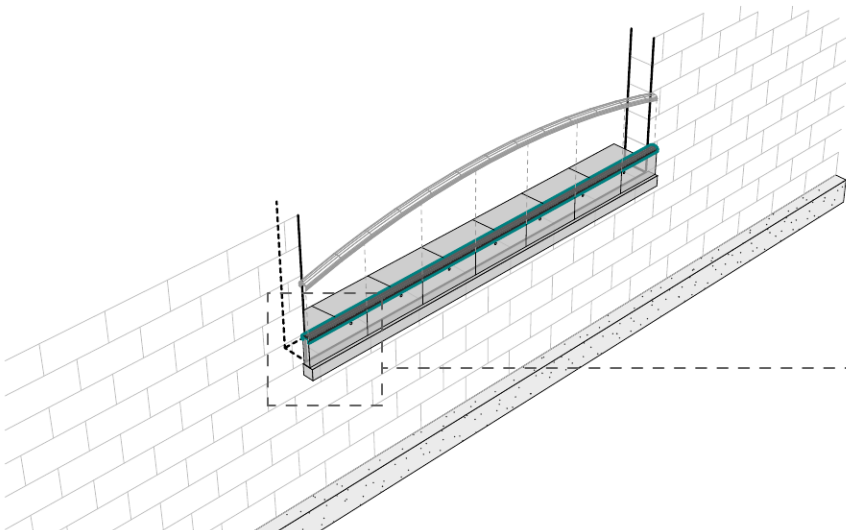
The PU foam adhesive supplied with the kit can be used to hold the cellular glass in place more quickly by applying beads between the other adhesive lines. Do not allow PU foam adhesive to reach the outer faces of the joints.

F

Install the threshold U-profile. For easier installation, warm the profile beforehand, for example in a cardboard box using a hair dryer or an electric fan heater.

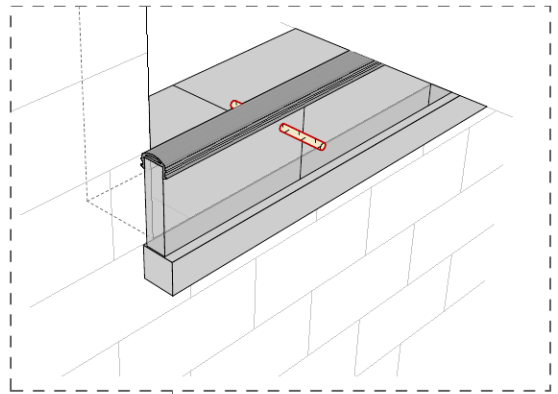


The holes in the vertical cellular glass are pre-drilled at 225 mm centres.

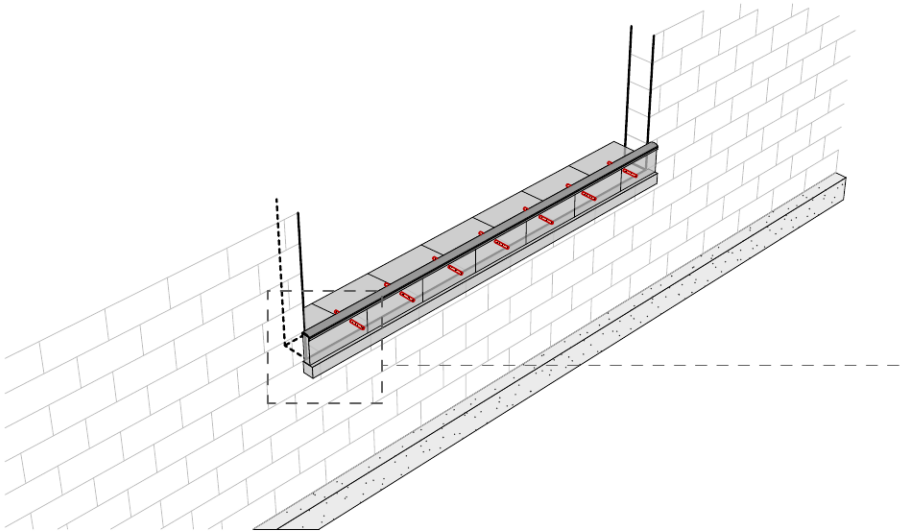


G

Install the glass-fibre anchors by pressing the anchor stop collars into the holes in the vertical cellular glass. The stop collar ensures that every anchor is installed to the same depth.

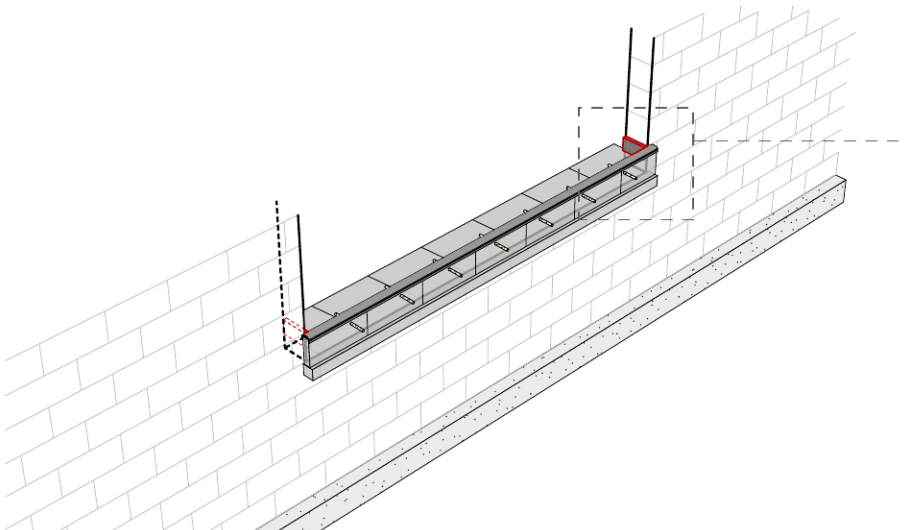
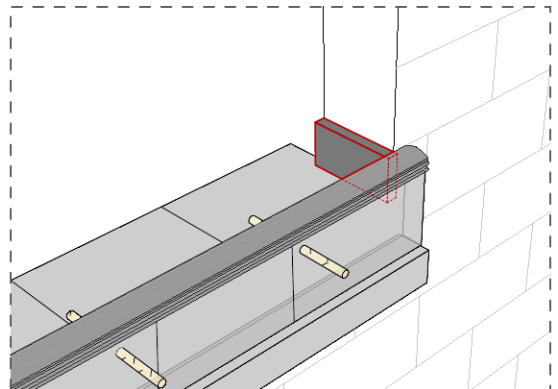


The holes in the vertical cellular glass are pre-drilled at 225 mm centres.



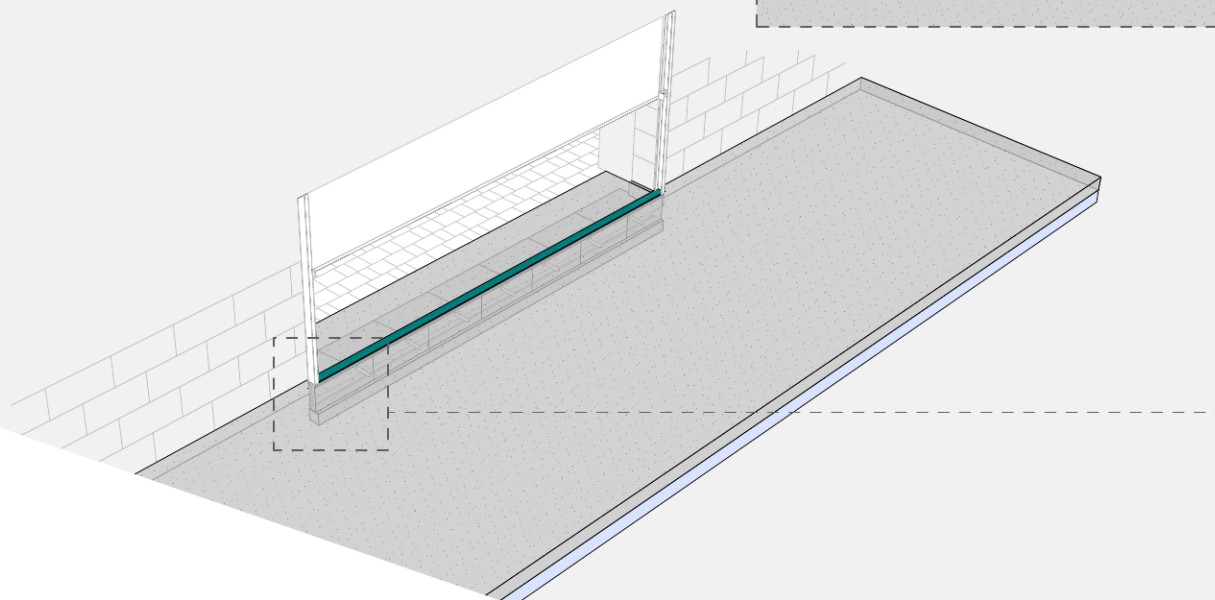
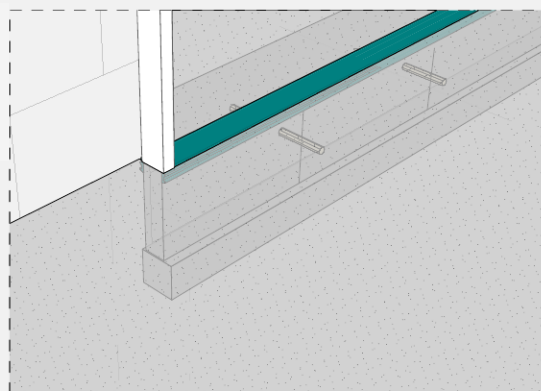
H

At both ends of the door opening, install 25 x 100 x 300 mm pieces of cellular glass against the top-row foundation blocks. Cut the top edge level with the future concrete slab. The final cut may be made after the concrete has been cast.



I

Preparation for casting the floor slab may now begin, including floor insulation and reinforcement.



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