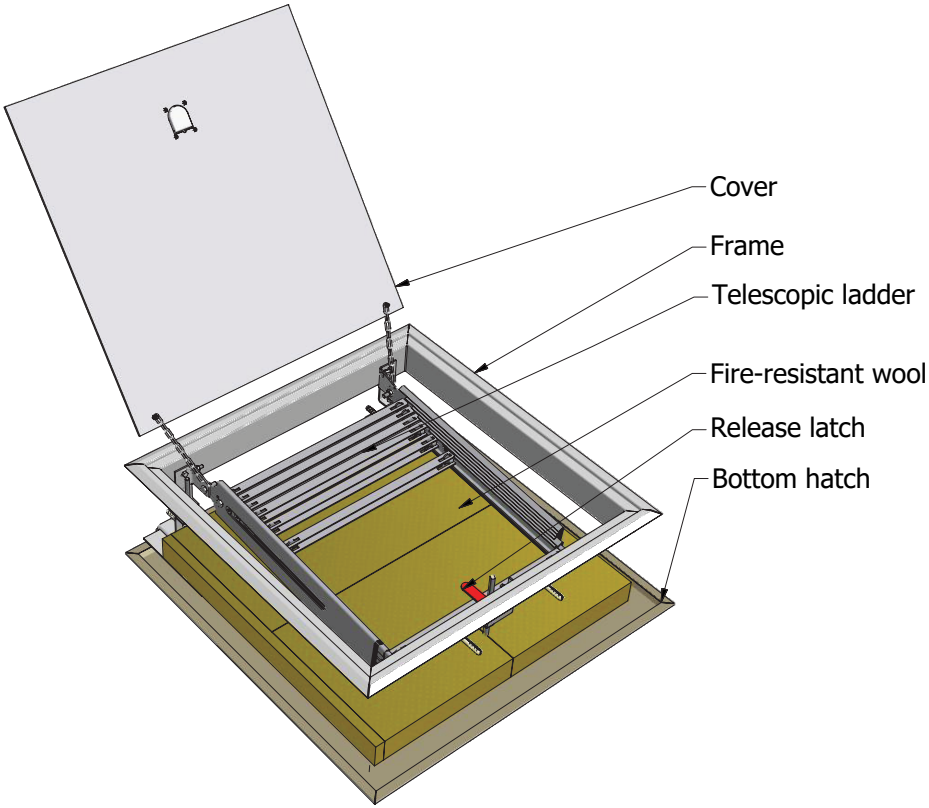
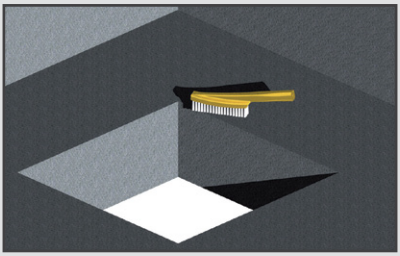
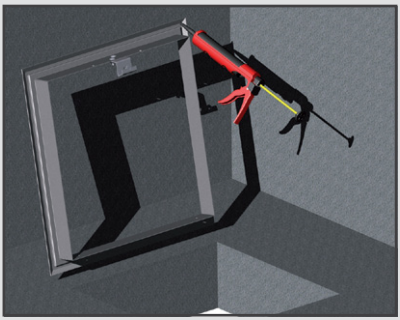
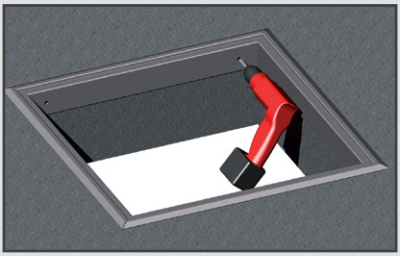
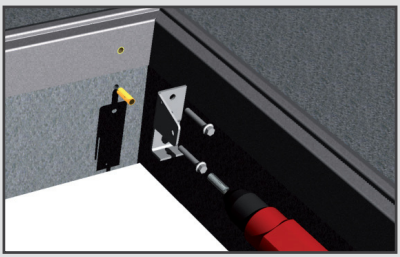
INSTALLATION INSTRUCTIONS FOR THE PISKO EMERGENCY EXIT HATCH











1. Carefully clean the edges of the opening made for the emergency exit hatch.

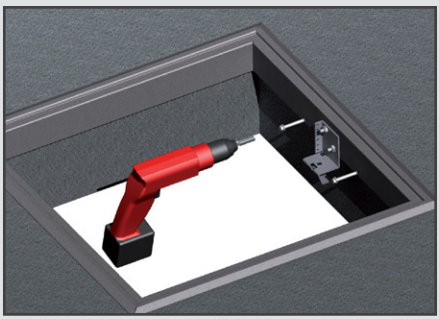
2. Test whether the frame of the emergency exit hatch fits in the opening. Modify the opening, if necessary.

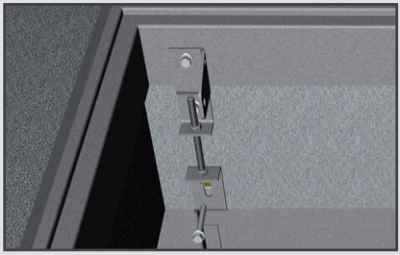
3. Seal the joint between the frame and the concrete balcony floor slab. Spread Sikaflex®-11 FC sealing compound on the frame of the hatch and press the frame tightly in its place.

4. Drill mounting holes in the concrete slab by the holes located at the rear edge of the frame. Place plastic mounting plugs in the holes and fix the frame and the ladder fasteners (2 hexagon screws with a flange, 7 x 50 mm) in their place. Pay attention to the handedness of the ladder fasteners.

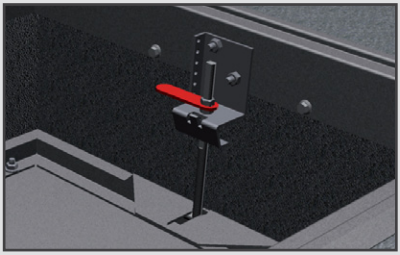
5. Drill holes for the lower mounting screws of the ladder fasteners in the concrete slab. Place plastic mounting plugs in the holes and fix the screws (2 hexagon screws with a flange, 7 x 50 mm) in their place.

6. When the rear edge of the frame and the ladder fasteners have been fixed, fasten the frame to the concrete slab by its front edge. Drill mounting holes in the concrete slab by the holes located at the front edge of the frame. Place plastic mounting plugs in the holes, and fasten the frame using two (7 x 50 mm) hexagon screws with a flange. Use a suitable sleeve between the frame and the slab, if necessary.

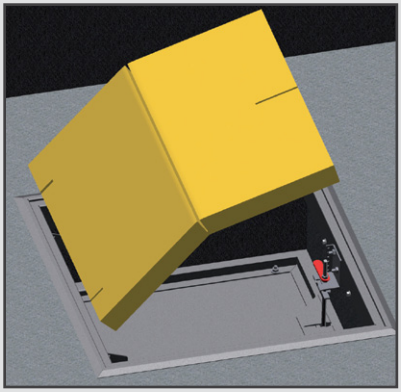




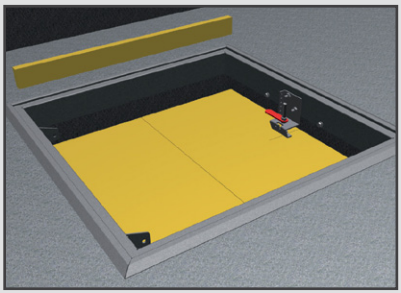
7. Fasten the bolts (M8x100) to the hinges of the bottom hatch as shown in the image. Lower the bottom hatch through the opening and pull the bolts through the holes in the ladder fasteners. Twist the M8 nuts on the bolts. Tighten the hinges so that the bottom hatch is tightly connected with the concrete balcony floor slab. You can visually ensure the tight fit of the bottom hatch by pushing the hatch from the balcony below until it closes. Secure the fastening of the hinges by drilling holes in the concrete slab. Place plastic mounting plugs in the holes and fasten the hinges (2 hexagon screws with a flange, 7 x 50 mm) to the concrete slab.

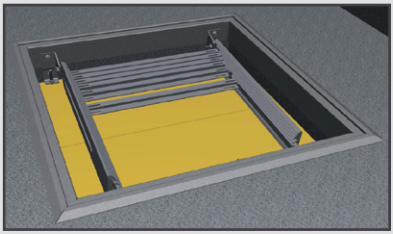


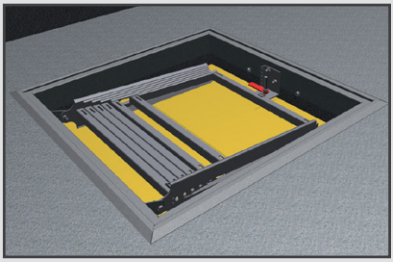
8. Place the latch in the fastener at the front edge of the frame. Twist the M10 nut around the fastener in the direction of the latch. Pull the bottom hatch until it closes and lock it in the upper position by turning the latch into the correct position. Tighten the nut until the bottom hatch rests tightly against the concrete slab. Note! Be careful not to tighten the nut too much in order to avoid denting the bottom hatch. Equip the latch with the red lever and lock it in the position shown in the image with another M10 nut. Test the opening ability of the bottom hatch by turning the red lever 90 degrees in the anti-clockwise direction. Then, close the bottom hatch again.

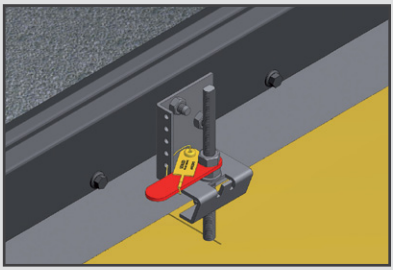


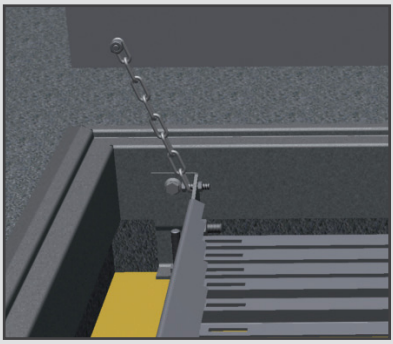
9. Cut almost all the way through the middle of the fire-resistant wool slab (stone wool, density 150 kg/m3). Cut incisions in the wool at the places in which the bolts of the latch and the hinges are to be fastened. Measure the locations for the incisions from one end of the opening, since one slab of fire-resistant wool is not enough to cover the entire opening in the horizontal direction. Place the slab of wool in the opening. Measure the size of the opening left at the other end and cut a slab of fire-resistant wool that covers it. When installing the second layer of fire-resistant wool, ensure that the seams of the layers do not face each other. Note! As the fire resistance capacity determined for the hatch can only be achieved by the correct installation of the fire-resistant wool, it is important to make sure that no cracks are left in the seams of the wool slab or between the wool and the concrete slab!











• The fire resistance class EI 60 requires placing two 30-mm layers of fire-resistant wool on top of the bottom cover.

• The fire resistance class EI 120 requires placing two 50-mm layers of fire-resistant wool on top of the bottom cover.

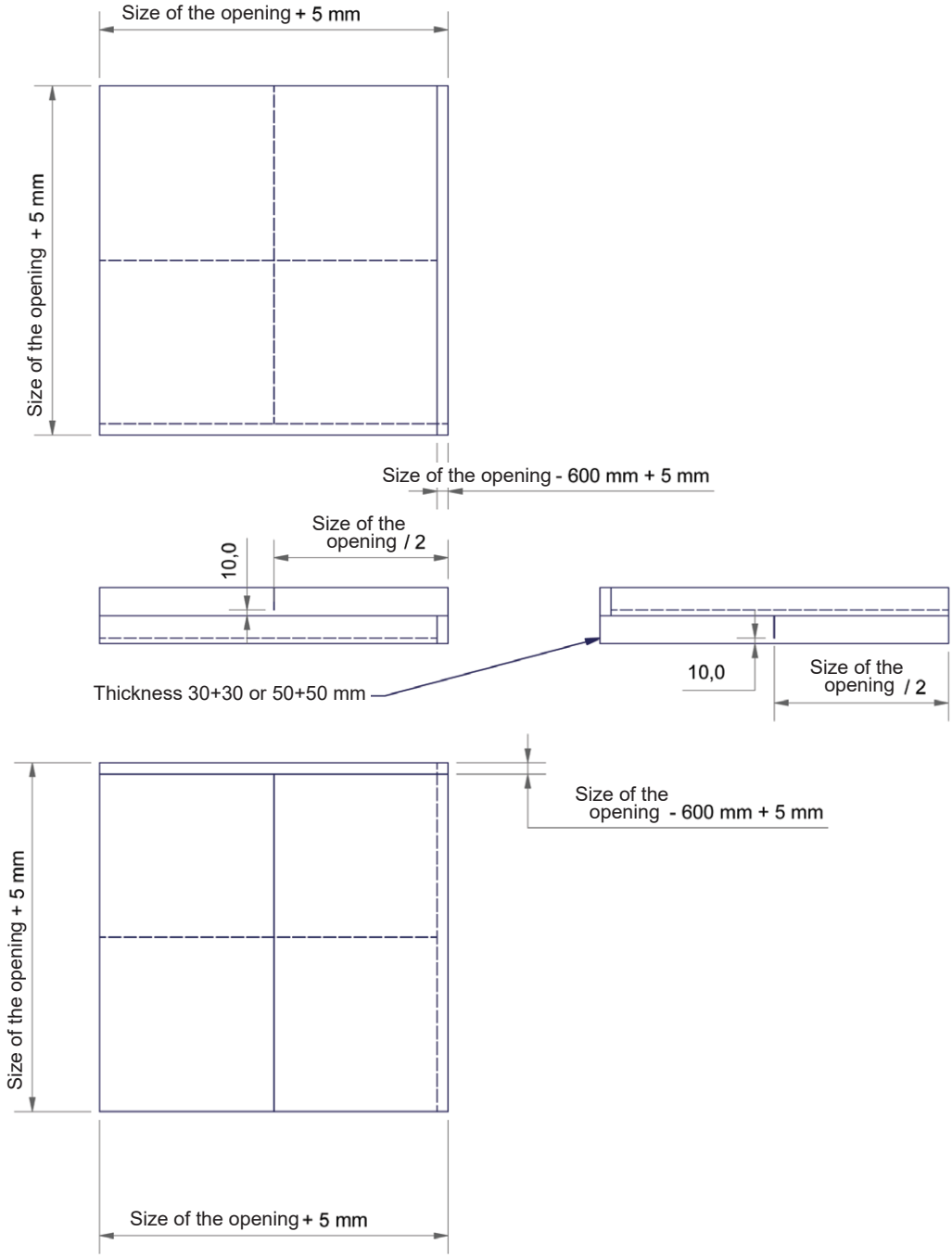
Note! The instructions for dimensioning the slab of fire-resistant wool are available behind this instruction sheet.

10. Remove the packaging plastic from around the rungs of the telescopic ladder and test the functionality of the ladder. Fix the telescopic ladder to the fasteners at both rails with M8x25bolts and nuts. Leave the bolt fastening slightly loose, so that the ladder has room to turn freely, if necessary. Place the bottom rung of the ladder over the protrusion in the mounting bracket of the latch.

11. Fasten the yellow seal through the holes in the mounting bracket of the red lever and latch so that the lever cannot be turned without breaking the seal. Place the laminated operating instructions on top of the ladder.

12. Fasten the chains in the cover to the ladder fasteners with M5x20 bolts and nuts. Close the cover, and place the documents intended for the customer in the resident folder.

Instructions for dimensioning the slab of fire-resistant wool



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