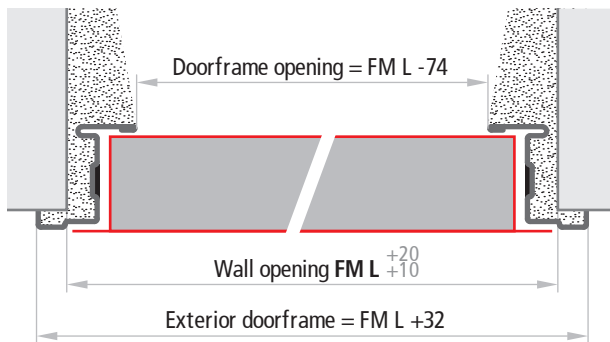


Door cross sections - Measurements

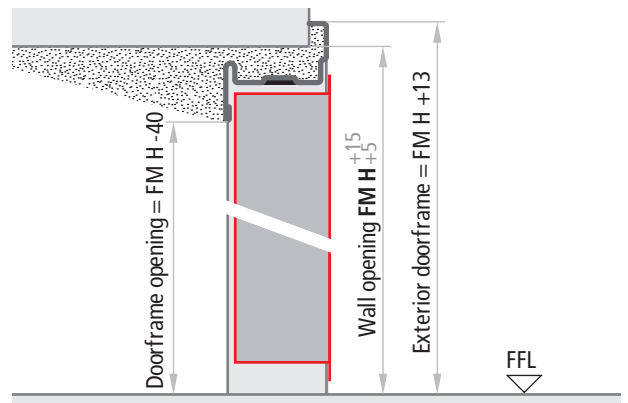
UNIVER Fire doors



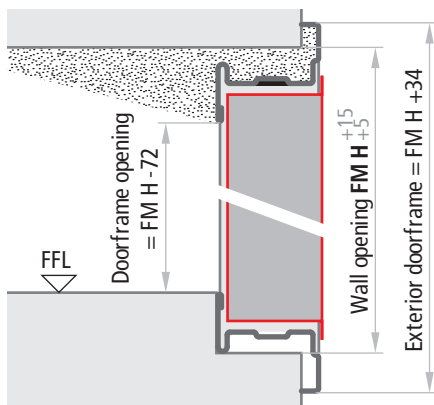
One-leaved doors Horizontal cross section



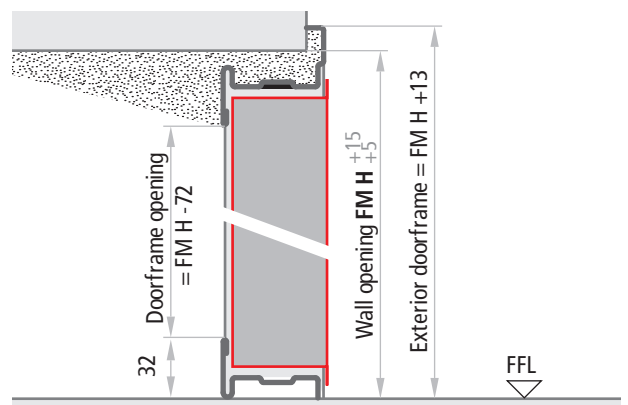
Doors without lower threshold Vertical cross section



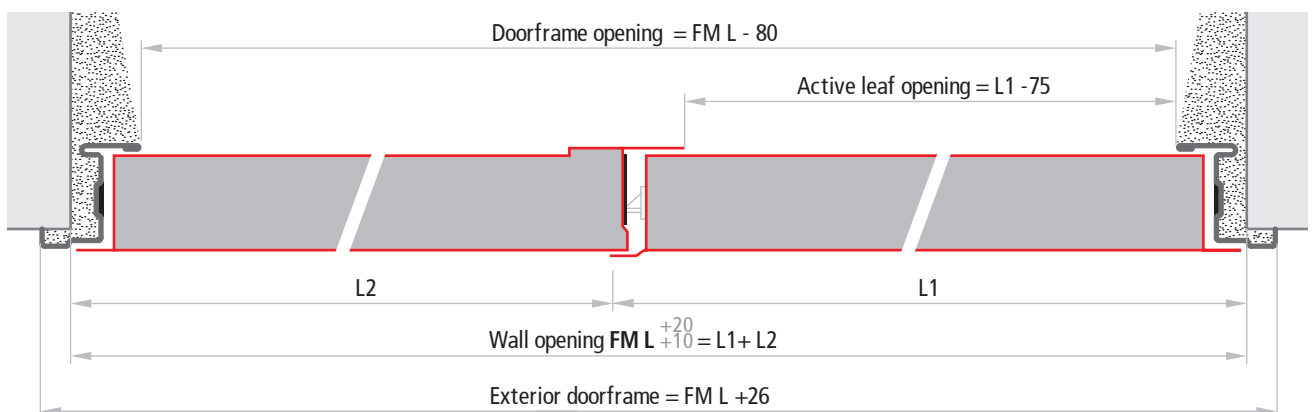
Doors with internal and external lower thresholds Vertical cross section



Doors with internal lower threshold Vertical cross section



Two-leaved doors Horizontal section



Leaf thickness

class	thickness
EI ₂ 30, REI 60	50 mm
EI ₂ 60, EI ₂ 90, REI 120	60 mm

NOTE

The tolerances $FM L +20$, $FM H +15$ of the indicated measurements make it easier to fill the gap between the wall and the doorframe with cement mortar.

FFL = Finished floor level

Installation methods

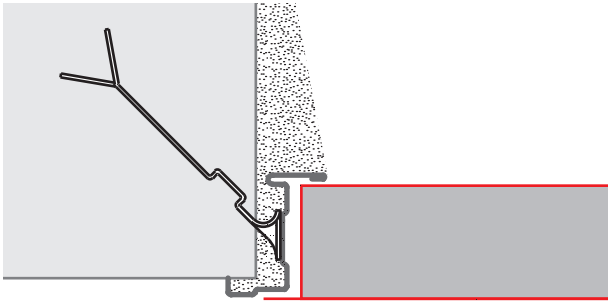
UNIVER Fire doors



INSTALLATION WITH ANCHORS FOR MORTAR FIXING

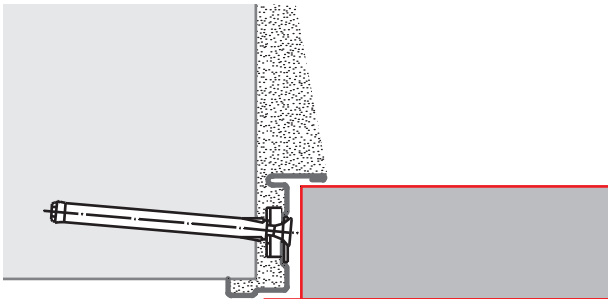


For mortar fixing, appropriate cuts will need to be created in the walls (section 80 x 200 mm). The anchors should be bent and blocked inside the wall. For fire sealing purposes and mechanical hold, the space between the doorframe and the masonry should always be filled with concrete mortar.



INSTALLATION FOR EXPANSION SCREWS FIXING

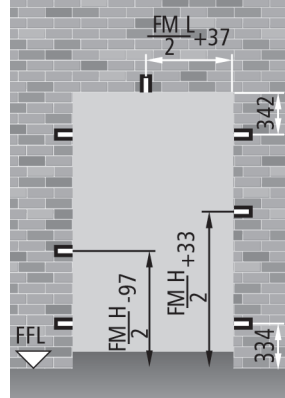
For the installation with expansion screws, the anchors serve as spacers and should not be bent. Using Würth type art. 0910436112 plugs or similar (supplied at the customer's expense), installation requires holes to be drilled through the thermo expansive sealing. The door-frame has pre-drilled holes. For fire sealing purposes and mechanical hold, the space between the doorframe and the masonry should always be filled with concrete mortar.



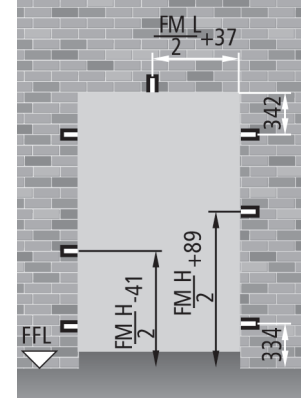
ANCHOR POSITIONING

One-leaved doors

Right opening

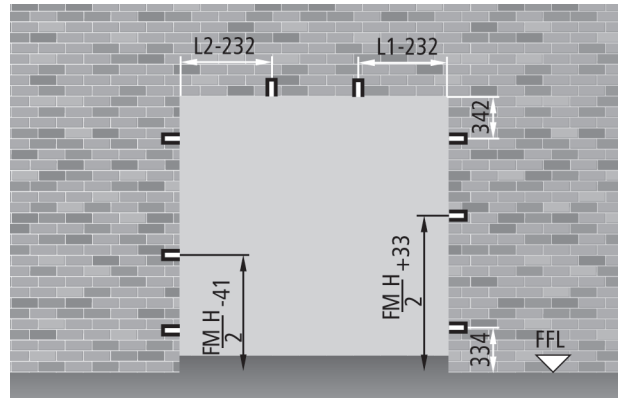


Left opening

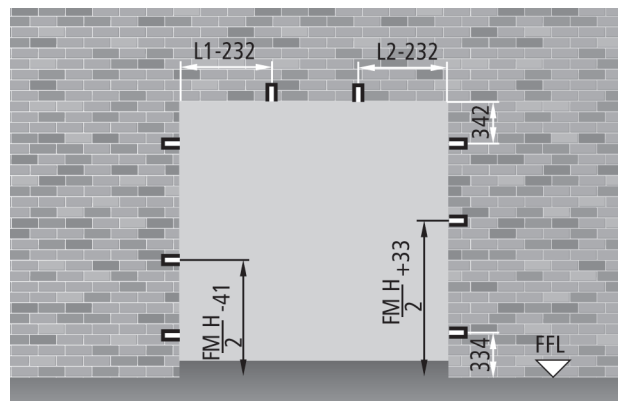


Two-leaved doors

Right opening



Left opening



NOTE

Proper installation requires 80 x 200 mm holes to be dug into the masonry.