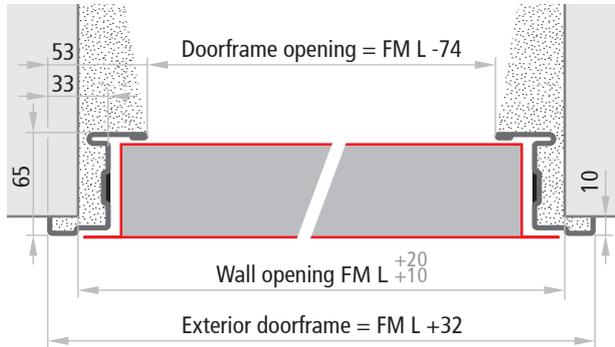


Door cross sections - Measurements

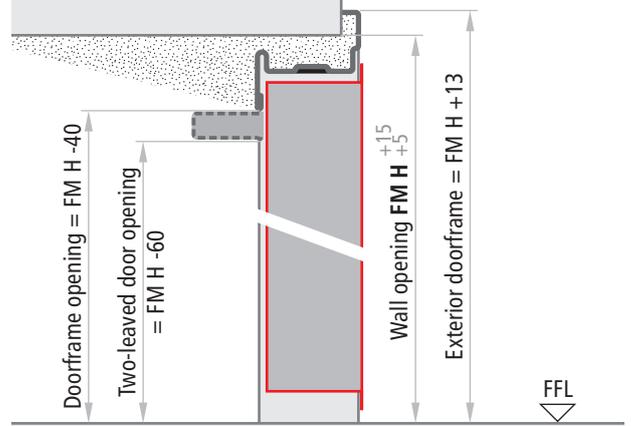
UNIVER Fire doors



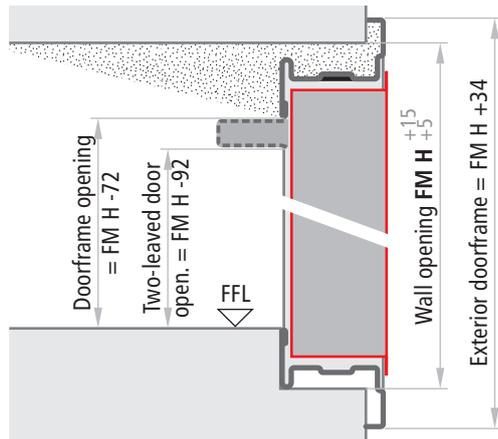
One-leaved doors Horizontal cross section



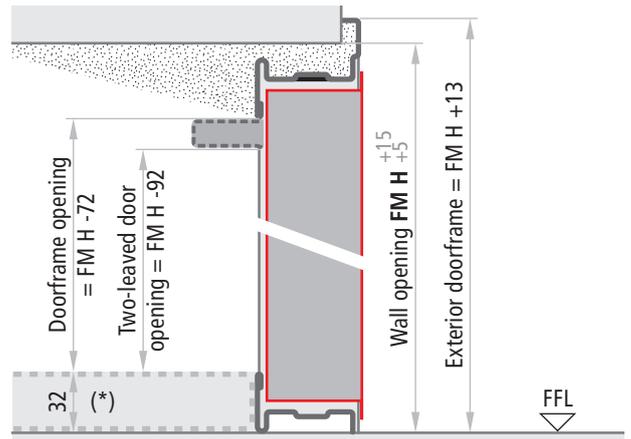
Doors without lower threshold Vertical cross section



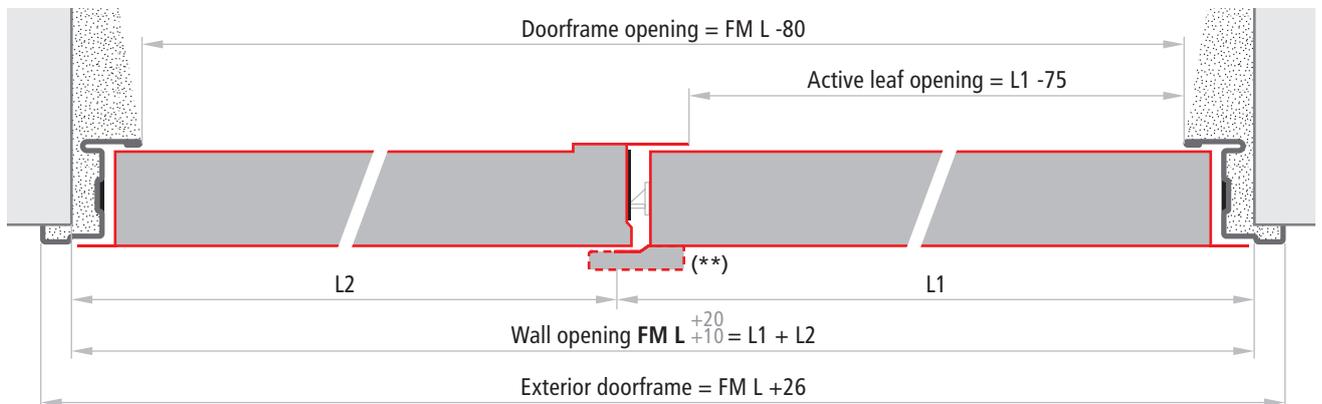
Doors with internal and external lower thresholds Vertical cross section



Doors with internal lower threshold Vertical cross section



Two-leaved doors Horizontal section



Leaves thickness

Fire doors 60 mm

NOTE

The tolerances FM L $\begin{matrix} +20 \\ +10 \end{matrix}$, FM H $\begin{matrix} +15 \\ +5 \end{matrix}$ of the indicated measurements make it easier to fill the gap between the wall and the doorframe with cement mortar.

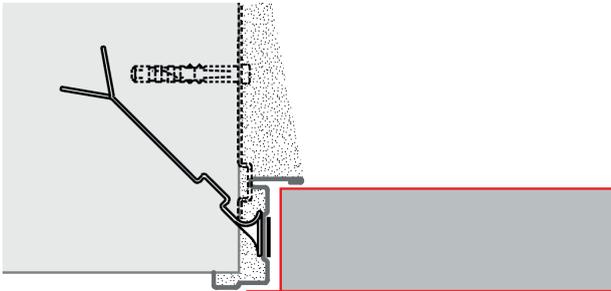
(*) Shimming to be done, mandatory in case of installation onto emergency exit routes.

(**) Only for EI₂90 fire rated doors

INSTALLATION WITH ANCHORS FOR MORTAR FIXING

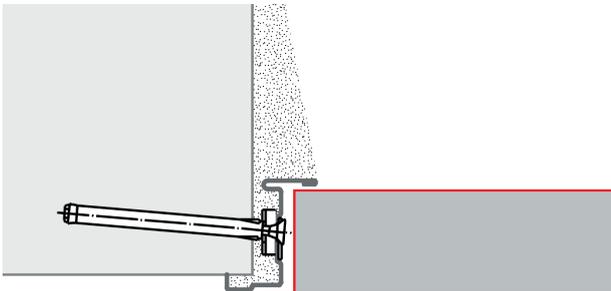


For mortar fixing, appropriate cuts will need to be created in the walls (section 80 x 200 mm). The anchors should be bent and blocked inside the wall. For fire sealing purposes and a perfect mechanical fit, the space between the door-frame and the masonry shall always be filled with concrete mortar.



INSTALLATION FOR EXPANSION SCREWS FIXING

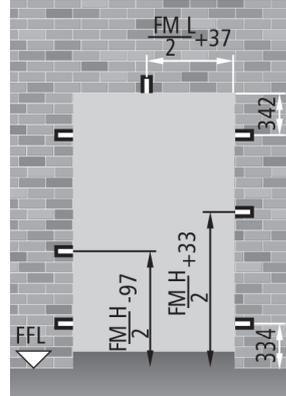
For the installation with expansion screws, the anchors serve as spacers and should not be bent. Using Würth type art. 0910436112 plugs or similar (supplied at the customer's expense), installation requires holes to be drilled through the thermo expansive sealing. The doorframe has pre-drilled holes.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



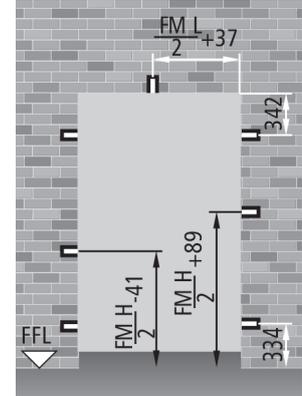
ANCHOR POSITIONING

One-leaved doors

Right opening

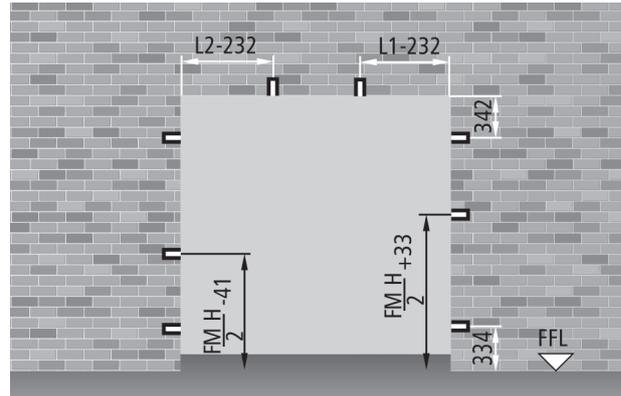


Left opening

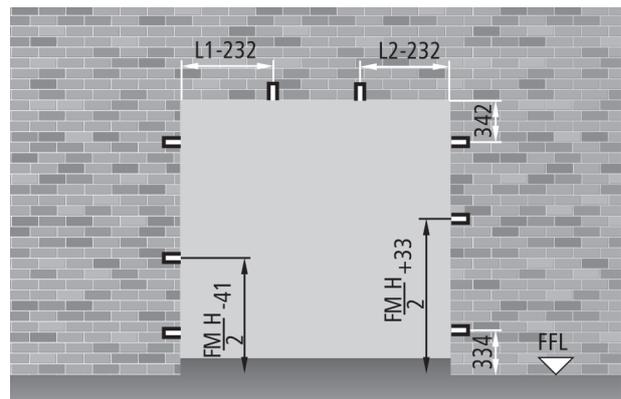


Two-leaved doors

Right opening



Left opening



NOTE

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