

Mounting instruction for access panels AluRapid in shaft walls



1. Mark the structural dimension and cut out the opening.
Opening dimensions = Frame height +20mm / Frame width +10mm.



2. Hang out the fire block unit (lift it and pull it from below), insert the frame in the opening of the wall and fix it with anchoring clips.



3. Adjust the frame and fix it with anchoring clips.

Check horizontal and vertical position!
Frame must fit to the walls surface



4. Drill and screw the frame –all 4 sides– into the wall, place 1 screw in the middle of the access panel of 300 - 400mm; 2 screws for a dimension of 500 - 600mm; 3 screws for a dimension of 800 - 1000mm (length of screws min. 55mm).



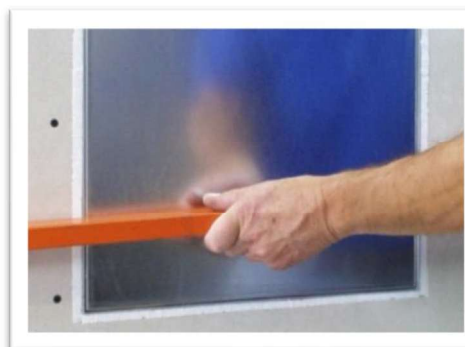
5. Place the short gypsum battens above and below, the long ones laterally, flush with the frame and screw them from the front side. Drill distance <200 mm



6. Fill the joint completely with joint filler!



7. Fit the fire block (insert it obliquely vertical up and put pressure at its bottom-side) and adjust the magnetic clamps at the corresponding level.



8. Insert the front plate. Check cover position by screwing the magnets into the correct position.

Access panel AluRapid EI30, EI90 for shaft walls

Description:

Tested according to DIN 4102 part 2 for the installation in bearing and non-bearing walls - as well as in shaft walls made of a gypsum construction of fire protection class EI30 / EI90..

The frame of the access panel consists of gypsum battens and a contour of steel panel.

The fire block consists of 2 gypsum plaster fire protection boards mounted together, 4 magnetic clamps and a handle for easy use.

This fire block contains also intumescent insulation guaranteeing a fire protection of at least 30/90 minutes.

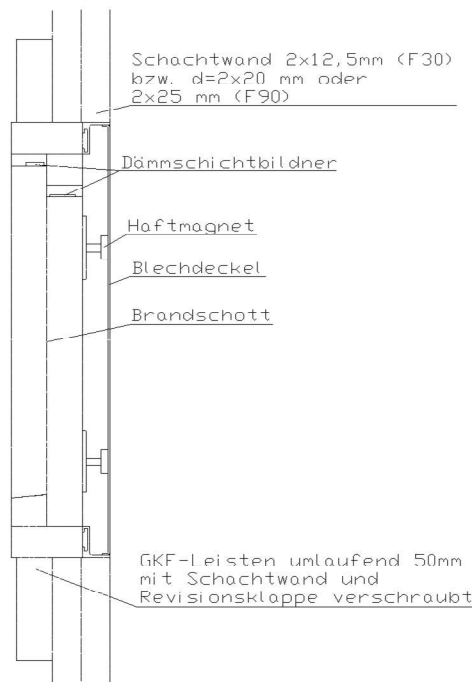
The front plate made of galvanised steel plate serves as covering and can be mounted:

- 1) Face to front – you can paint the steel surface.
- 2) Backside to front – this tray can be filled with plaster, gypsum board or with tiles

Content of delivery

- 1 access panel
- 4 gypsum battens
- 1 mounting instruction
- 1 suck holder

Schachtwand: shaft wall
 Dämmschichtbildner: intumescent insulation
 Haftmagnet: magnetic clamp
 Blechdeckel: front plate
 Brandschott: fire block
 GKF-Leisten umlaufend mit Schachtwand und Revisionsklappe verschraubt:
 supplied gypsum battens screwed with shaft wall and access panel



Mounting instruction:

The access panel is an element of high technology, tested and confirmed according to the standard specification for fire protection.

In order to guarantee the full functionality please consider the following points.

- Stabilise the construction horizontally using UW profiles.
Attention: The mounting battens need a clearance for the UW-profile frame of at least plus 105mm comparing to the nominal dimension.
- Saw cautiously the opening of the wall or prepare this already during the wall mounting. Mark the contours of the opening to the wall keeping a 5mm larger distance than the dimensions of the access panel)
- Unhinge the fire block, insert the panel frame in the opening of the wall. Turn the frame so that the 6° angular batten is at the bottom side.
- Place the 4 gypsum battens on the backside around the frame and screw them with the wall.
- Screw the panel frame of the access panel laterally with the wall, tension-free (the 4 sides to be screwed with the wall in a tension-free manner)
Attention! Pre-drill.
- Fill completely the gap between the wall and the frame using a joint filler.
- Fit the fire block.
- Fit the magnetic clamps at the required level and fit the front plate. Access panels for shaft walls by RUG SEMIN must be – according to certificates – mounted with a corresponding front plate made by RUG SEMIN!
Attention!
In order to ensure its fire protection functions the fire block unit must be inserted in the above mentioned way and the door must be closed and locked!