



SLITE telesco

Fire rated sliding door - MTF
REI 120 according to UNI 9723

Fire rated
industrial
closing
systems



Fire rated sliding door without bottom guide, consisting of 2 or 3 telescopic panels. Each leaf consists of insulated panels (total thickness 102mm) connected with a rigid metallic mullion and perimetral metallic frame. Each leaf has face sheet of 8/10 light-gauge steel (galvanized steel SENDZIMIR) bonded to a steel channel frame reinforced with a rigid plastic-foam core. Sheets are obtained from an initial continuous lamination process, following a phosphate process and a final Primer paint (5 Micron thickness) on both sides of sheets. The finishing consists of 20 Micron thick paint applied on the external side of the sheet. So that the surface is totally smooth. In order to avoid any possible scratch, an adhesive film is applied on and to be removed once the door is assembled.

The thermal insulation is assured by a sandwich panel consisting of two gypsum boards and a rock wool core in-between. Sandwich panels are related thanks to "U" section profile with rock wall insulation and an external screw fastened reinforced profile. The fire rated perimetral frame of each leaf consists of galvanized steel profiles painted in black color. The perimetral gasket (smoke proof sealing) is installed onto the fire rated perimetral frame between the door and the wall.

The upper guide (covered by a galvanized steel carter painted with the same color of the door) consists of 40/10 galvanized steel rail (monorail) equipped with trolleys and bearings. The angle clips are specially made to support the upper guide and designed with holes to grant a strong anchor (expansion bolt). The support legs of the guide are fastened onto the wall (lintel) by dowels. The lower wheels (fixed onto a galvanized steel plaque) are installed beyond the wall and they slide inside the bottom rail of the leaf.

The door closes thanks to the counterweight positioned in the door frame with double driving and idle sheaves. The internal joint between panels consists of steel profiles insulated by silicates inert materials. External joint cover in steel painted black.

Total weight: 90 Kg/sqm.

NOTE: internal installation



w e o p e n y o u r f u t u r e

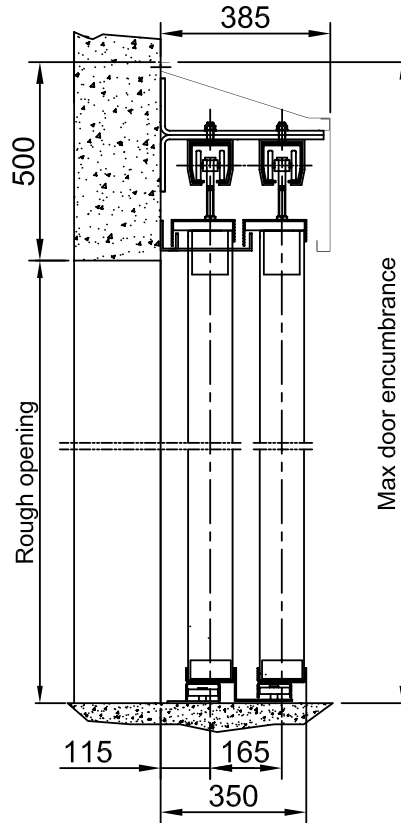


FIRE RATED TELESCOPIC SLIDING DOOR REI 120

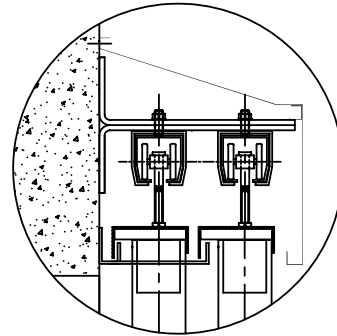
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CROSS SECTION

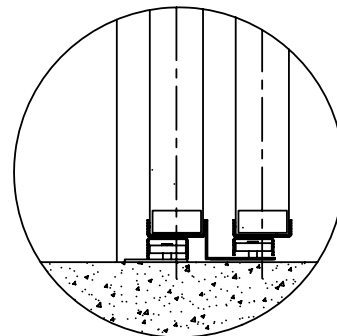
Door weight $\pm 90\text{Kg/sqm}$



Detail of the upper rail

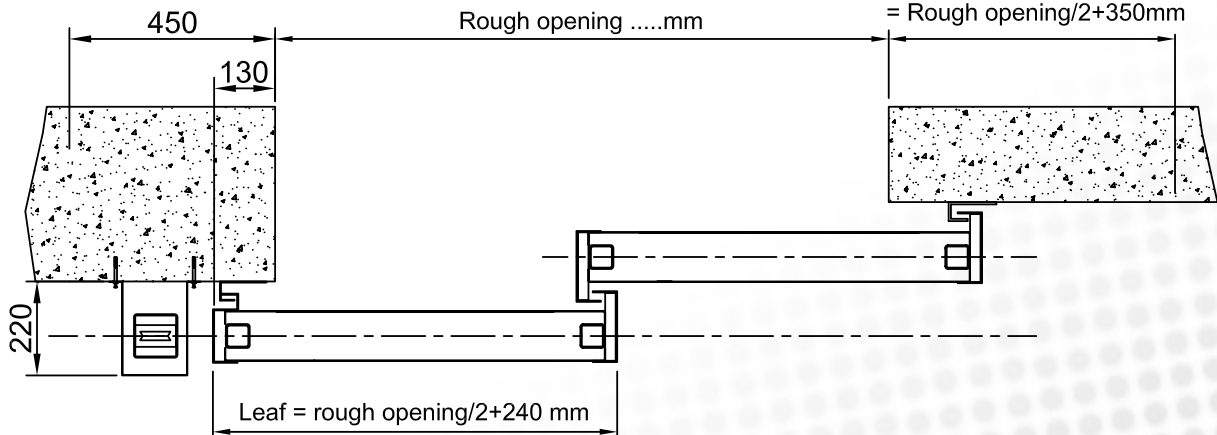


Detail of the lower rail

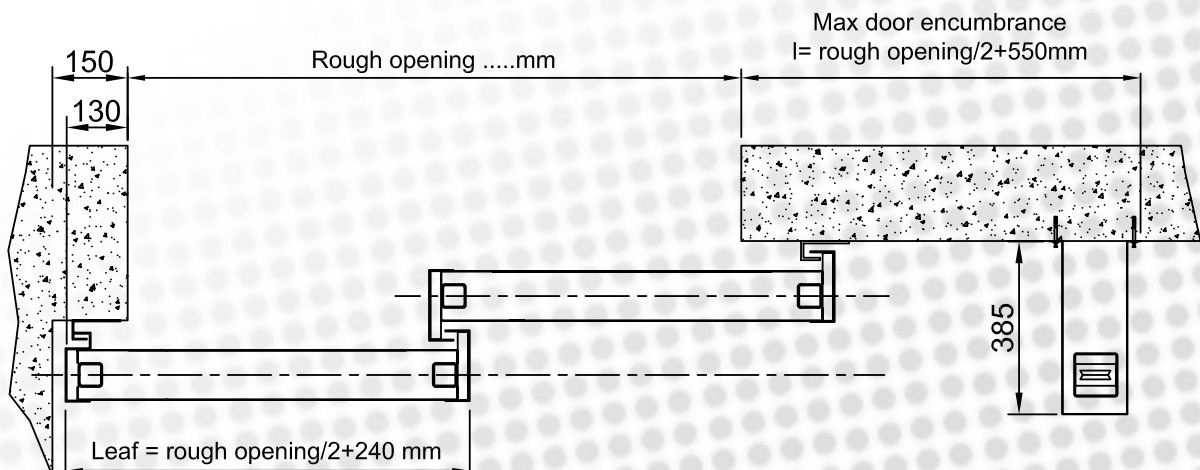


PLAN SECTIONS

Standard sliding with counterweight

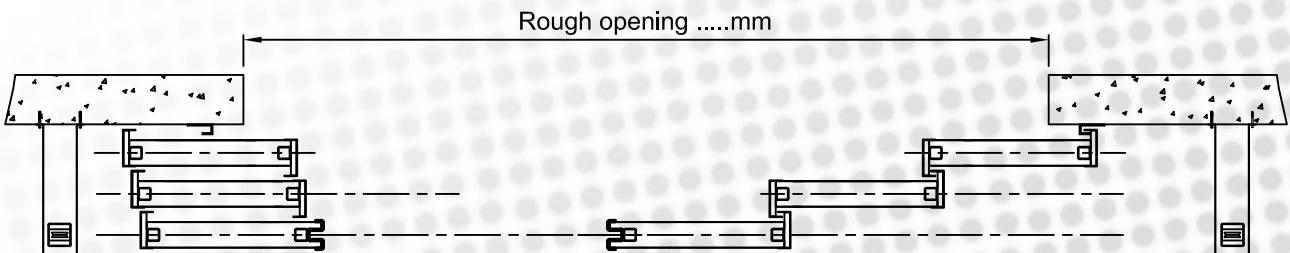
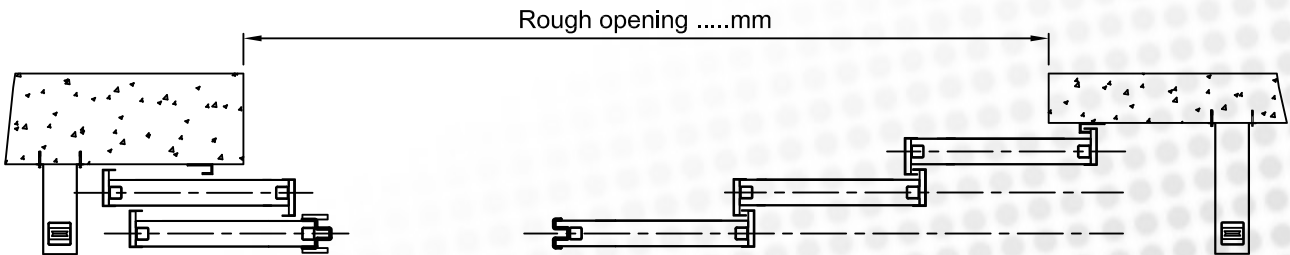
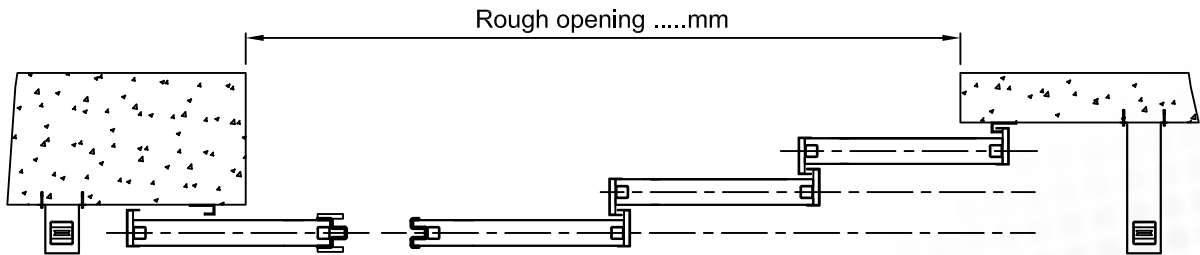
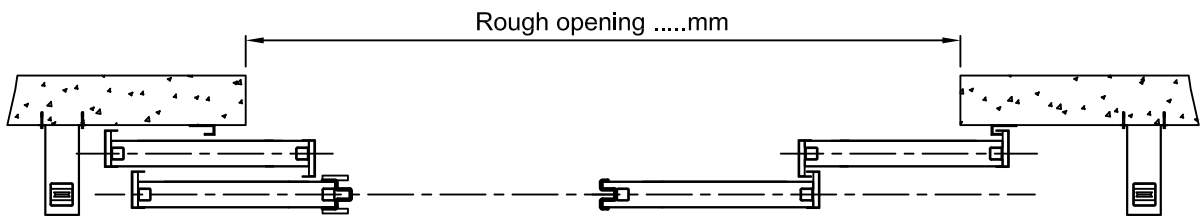
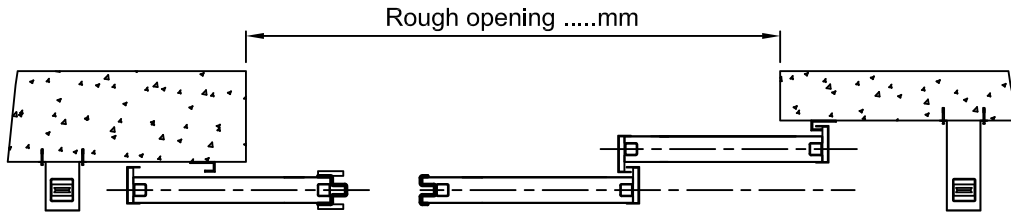


Sliding with retarded counterweight





FIRE RATED TELESCOPIC SLIDING DOOR REI 120





Operation

This door is manually operated. In case of fire, the thermal fuse of the ampoule breaks due to high temperature (70°C) and the door closes (speed controller and limit switch provided).

A C C E S S O R I E S F O R S L I D I N G F I R E D O O R S :

- Pedestrian door REI120 with doorstep (wicket door). Door handle on both faces.
Door clearance 880x2100mm
- Pedestrian door REI120 with doorstep (wicket door). Anti-panic bar. Door clearance 880x2100mm
- Pedestrian door REI120 with doorstep (wicket door). Anti-panic PUSH bar. Door clearance 880x2100mm
- Electromagnet (for doors up to 12 sqm) with/without smoke and heat detector and key-off
- Retarded counterweight
- Offset-counterweight
- Plates in case of walls not suitable to expansion bolts
- Bolted plates for walls not suitable to expansion bolts
- Stainless-steel frame and covering
- Available colors for light gauge sheets:
Traffic white similar to RAL 9016, Pure white similar to RAL 9010, anthracite gray similar to RAL 7016, silver gray similar RAL 7001, gray aluminum similar to RAL 9007, bright gray similar to RAL 9006, white gray similar to RAL 9002, brown similar to RAL 8028, brown similar to RAL 8019, leaf green similar to RAL 6002 leaf green, moss green similar to RAL 6005, gentian blue sim. to RAL 5010, light blue sim. to RAL 5009, flame red sim. to RAL 3000, ruby red sim. to RAL 3003, rape yellow sim. to RAL 1021
- Possibility of painting in RAL