



Space-saving stairs steel hatch F90 with retractable stairway

In public buildings, our weather-resistant solution for the installation in reinforced concrete ceilings, which belong to the fire resistance class F90, have proven very reliable. The upper cover is clad with galvanised sheet steel and has a circumferential double seal. As accessory element, you can purchase a lockable cover that prevents unauthorised access from the outside.



Steel hatch F90

- 90 minutes from below
- * manufactured in accordance with DIN 4102-2
- Installation in reinforced concrete ceilings that are at least 180 mm thick and belong to min. F90 class according to DIN 4102-4



Energy label

- Component: 0.29 W/m²K*
- Bottom cover: 0.93 W/m²K*
- Top cover: 0.68 W/m²K*
- * calculated by manufacturer according to DIN EN ISO 6946



Energy efficiency

- Circumferential seal (quadruple)
- Thermal insulation in the covers



Upper cover

- Metal flashing with galvanised sheet steel
- Aluminium sheet for opening widths of 90 cm and above**
- Closure using Roto NX hardware
- Edge glued for protection against weather
- Incl. rubber hollow profile seal (double) with contact profile for roof membrane
- Impermeable to driving rain (Class E1200)
- Stop on right as standard



Hatchbox / cover

- Side customer-provided insulation max. 40 mm
- Sheet steel, galvanised and primed
- With circumferential profile frame
- Snap-lock closure
- Box height: 33 (steel box)
- Wooden insert: water resistant
- Installation allowance 2 cm



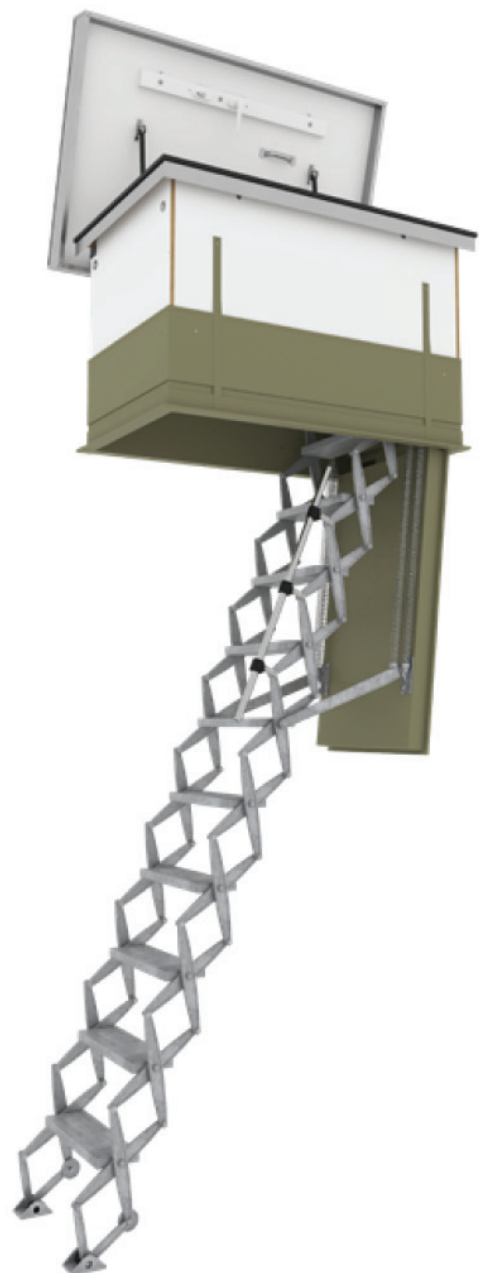
Stairs

- Aluminium retractable stairways
- Treads: 20-38 cm, 14 cm deep (made of pressure die-casting)
- Load bearing 200 kg per tread
- Lower treads can be fitted on request (depending on feasibility) treads: 43-58 cm, 16 cm deep



Ready-to-install with standard accessories

- Telescopic handrail, fitted on right
- Operating pole
- Mounting screws
- Mounting eyes





Made to measure

Clear room height /
number of treads

Price group

up to 460 / 16								PG 8
up to 430 / 15								PG 7
up to 399 / 14								PG 6
up to 369 / 13								PG 5
up to 339 / 12								PG 4
up to 309 / 11								PG 3
up to 279 / 10								PG 2
220 - 250 / 9								PG 1
Opening length without ceiling division	90	100	110	120	130	140	150	160 -160
Opening length with ceiling division	+ 11 cm + 37 cm + 47 cm + 57 cm							
Opening width	62 - 120						82 - 120	
Box height	71 - 182							
Roof thickness	- 15 less than box height							

