



Space-saving stairs steel hatch F90 with retractable stairway Electro

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 low-noise electric motor securely extends and retracts the Electro retractable stairway with hatch cover.



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 classes 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
- Box height: 33 cm (steel box)
- Wooden insert: water resistant
- Installation allowance 2 cm



Stairs

- Aluminium retractable stairways
- Treads: 25-38 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



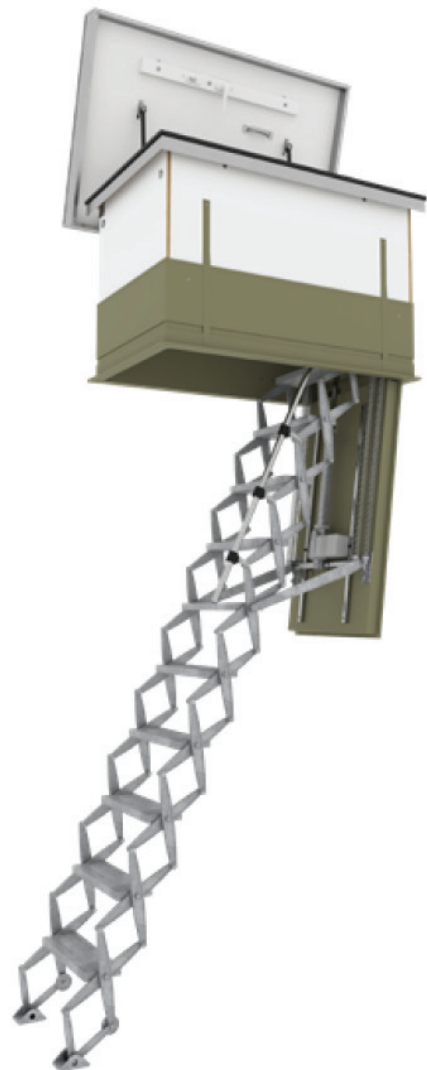
Ready-to-install with standard accessories

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



Electronics

- 24 Volt drive
- Low noise with emergency power supply
- Control unit with one button
- Automatic limit stop and safety stop





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	115	125	135	145	150	155	160	160 - 160
Opening length with ceiling division	+ 11 cm + 37 cm + 47 cm + 57 cm							
Opening width	65 - 120				71 - 120			80 - 120
Box height	71 - 182							
Roof thickness	- 15 less than box height							



Options

Improved thermal insulation - U value of component: 0.22 W/m ² K - customer-provided insulation max. 80 mm	
Improved thermal insulation - U value of component: 0.19 W/m ² K - customer-provided insulation max. 100 mm	

