

Even greater fire protection and convenience

Space-saving stairs steel hatch EI₂90 Electro



The benefits at a glance

- + In public buildings, our weather-resistant solution for installation in reinforced concrete ceilings, which belong to the fire resistance classes EI₂90, have proven very reliable.
- + The low-noise electric motor fully extends and retracts the retractable stairway at the push of a button.
- + As accessory element, you can purchase a lockable cover that reliably prevents unauthorised access from the outside.
- + Ready-to-install with standard accessories: Telescopic handrail, operating rod, mounting screws, square shaft mounting (attachment device)



Technology and product characteristics

Fire resistance	+ 90 minutes*from below (in accordance with EN 13501-2:2016 by IBS Linz) + Installation in wooden and reinforced concrete ceilings, classification in category B
Energy label	+ Building element: 0.29 W/m ² K** + Bottom cover: 0.93 W/m ² K** + Top cover: 0.68 W/m ² K**
Energy efficiency	+ Circumferential seal and thermal insulation in the covers
Top lid	+ Metal flashing with galvanised sheet steel + Lock using Roto NX hardware + Edge glued for protection against weather + incl. rubber hollow profile seal (double) with connection profile for roof membrane + Impermeable to driving rain (Class E1200) + Stop on right as standard
Hatchbox*** and cover	+ Side customer-provided insulation max. 40 mm + Sheet steel, galvanised and primed with circumferential profile frame + Hatch box height: 33 cm (steel case) + Wooden insert: water resistant + Installation allowance: 2 cm + From a box height of 160 cm, it is necessary to divide the hatchbox horizontally
Stairs	+ Aluminium concertina stair, treads: 25 - 38 cm wide / 14 cm deep (made of pressure die-casting) + Load bearing 200 kg + Depending on the structural opening width, it may be possible to fit deeper or wider steps in the aluminium profile (43-58 cm wide, 16 cm deep)
Electronics	+ Operating voltage 24 volts, input voltage 230 volts with Europlug + Low-noise motor, emergency power supply via batteries + Emergency release for manual operation can be triggered from above and below + Automatic limit stop and safety stop + Control unit with a wall-mounted button

*certified according to EN 13501-1:2016 **calculated by manufacturer according to DIN EN ISO 6946
***The hatch box must be protected from heavy moisture penetration, wetness and extreme humidity