

# Fire-resistant doors and screens

EI30 / EI60 / EI90 / EI120 (T30 / F30 / T90 / F90)

in steel and stainless steel



*ECAvenir Lausanne, Suisse  
Vitrage fixe coupe-feu  
Photo: Damian Poffet*

**forsterfuego**.light





## Fire-resistant doors and fixed glazing EI30–EI120

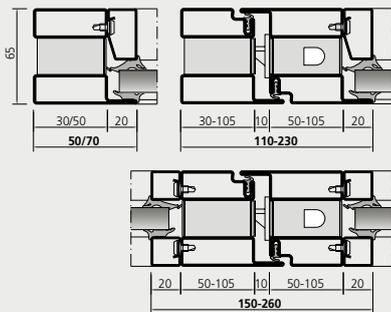
Forster fuego light is the reliable, multifunctional profile system for fire protection. The flush doors consist of a narrow steel frame with expansive glazing, which guarantees maximum transparency, a sleek appearance and reliable safety and security. In addition to fire-resistant doors and glazed fire screens, other tested applications include anti-finger-trap doors, flush sheet metal doors and butt-joint glazing. Possible combinations with burglary resistance and bullet resistance also meet the highest levels of safety.

The system can then be used in a wide range of applications and allows for a high degree of design freedom.

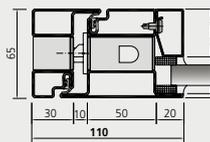
The narrow sightline, slender look and transparency of the system are all convincing arguments. The result is more light and a clearer view for added safety and security.

A wide range of tested and approved fittings leaves nothing to be desired, whether in door automation or aesthetically with concealed hinges and door closers.

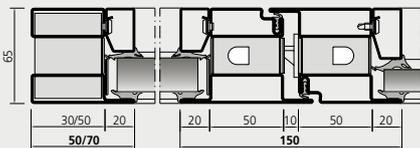
EI30 (T30 / F30)



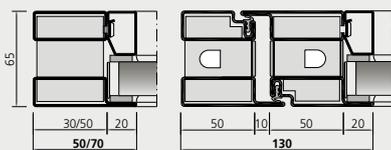
EI30 with narrow frame profile



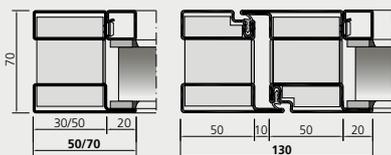
EI60 / EI30 CH



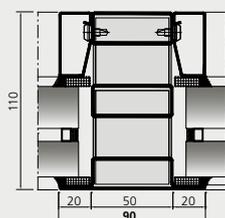
EI60



EI90 (T90 / F90)



EI120



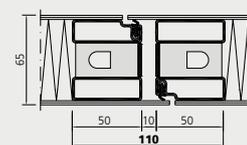
Gymnasium Bürgerwiese, Dresden, Germany  
Fire-resistant doors T30 in glazing

## Technical specifications

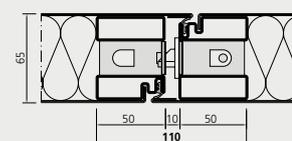
Material variants	Steel zinc magnesium, brushed stainless steel
Face widths	Door leaf with frame from 110 mm Fixed glazing from 50 mm
Dimensions	Inside width single-leaf (W×H): max. 1400 × 3000 mm Inside width double-leaf (W×H): max. 2830 × 3000 mm Fixed glazing (W×H): unlimited × max. 5000 mm
Fittings	Attached and concealed flush fittings Max. leaf weight 420 kg
System features	Design variants: Side-hung door with single/double leaf, with optional sidelight and fanlight Fixed glazing Structural depth from 65 mm Max. filling element thickness 53.5 mm Prepared profiles for efficient processing Steel glazing beads Wet and dry glazing
Performance characteristics*	Fire protection EI30 to EI120 according to EN 1634-1 Smoke protection S <sub>a</sub> or S <sub>200</sub> according to EN 1634-3 Durability of self-closing properties Class 8 according to EN 12400 (tested up to 1 million cycles according to EN 1191 with automatic door opener) Doors for escape and emergency routes (partial and full panic system) according to EN 179 and EN 1125 Burglary resistance RC2 and RC3 according to EN 1627 Bullet resistance FB4 NS according to EN 1522 Barrier-free according to DIN 18040 Finger trapping protection according to DIN 18650 and EN 16005 Sound insulation up to R <sub>w</sub> = 48 dB according to EN ISO 140-3

\* Take note of the country-specific approvals

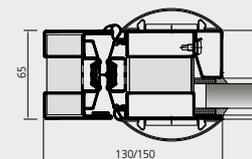
Sheet metal door EI30



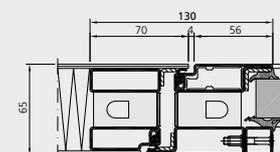
Sheet metal door EI60



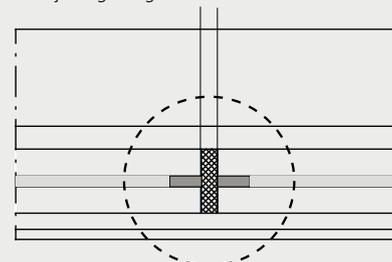
Anti-finger-trap door EI30



EI30 FB4 NS



Butt-joint glazing 4 mm





*forster fuego light telescopic fire-resistant sliding door*



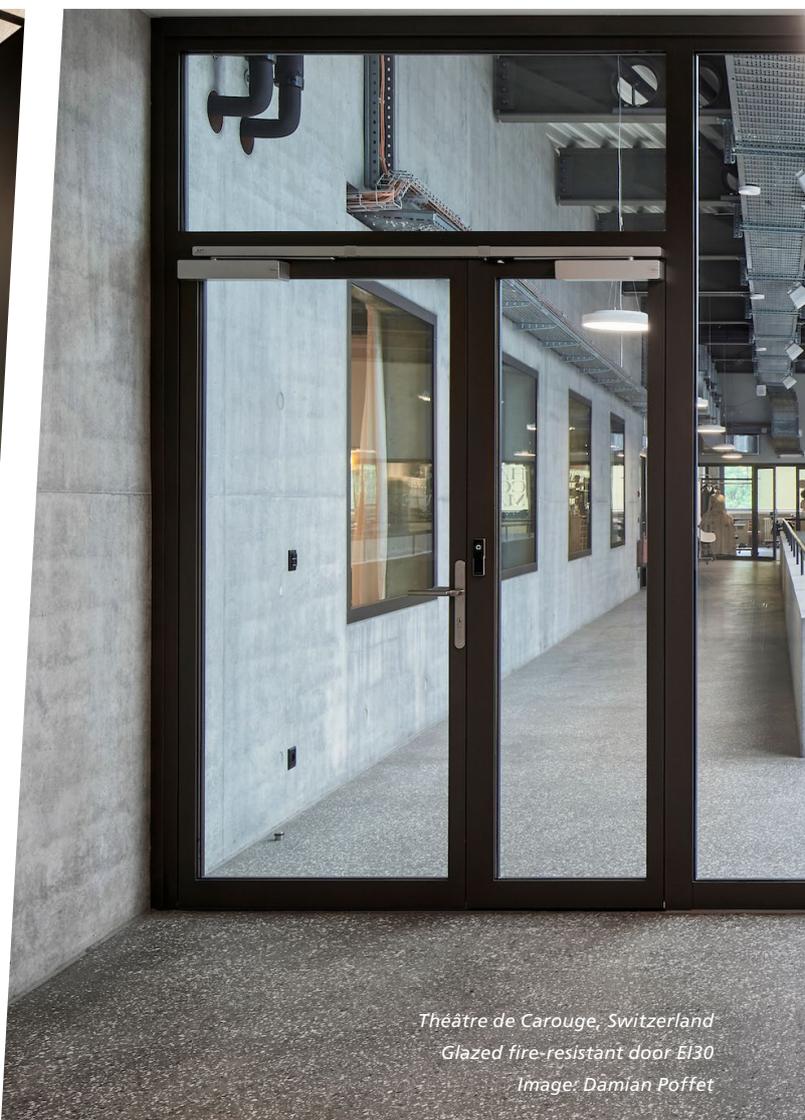
*ECAvenir, Lausanne, Switzerland  
Fire-resistant sliding door EI30  
Image: Damian Poffet*



*Maison de la Paix, Switzerland  
Butt-joint glazing EI30  
Image: Damian Poffet*



*Shedhalle Zug, Switzerland  
Flush sheet metal fire-resistant door EI30  
Image: Beat Brechbühl*



*Théâtre de Carouge, Switzerland  
Glazed fire-resistant door EI30  
Image: Damian Poffet*

948361/10014501/02-23

**forster**

Forster Profilsysteme AG | CH-9320 Arbon  
info@forster.ch | www.forster-profile.ch