

# forster fuego light

Wooden door leaf

Wooden panels

## forster fuego light

### Steel and wood – the elegant combination of materials

The perfect interplay of material, form, light and transparency: forster fuego light takes up this principle and combines safety with creative freedom. In combination with flush wooden door leaves or wooden panels, single and double doors as well as partition walls with EI30 fire resistance properties are created in an almost unlimited variety of colours and finishes. Together with our partner RWD Schlatter AG, the leading Swiss full-range supplier of designer and functional doors and a subsidiary of the Arbonia Group, this interplay results in a solution that combines design and safety at the highest level.





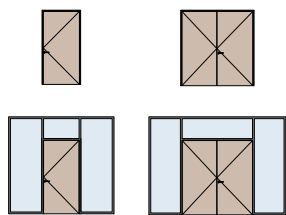
# forster fuego light with wooden door leaf

## Elegant materials with delicate construction

The safe forster fuego light system with a flush wooden door leaf is suitable for single and double-leaf doors with EI30 fire resistance. It can also be combined with transparent glazing in EI30 or EI60 and with delicate profiles made of steel or stainless steel. The wooden door leaves can be designed in a multitude of surfaces and can be optionally implemented with transparent glass cut-outs, therefore offering maximum design freedom.

### Your benefits

- Extremely elegant combination of materials
- Made of steel and stainless steel
- Maximum design freedom



### Technical specifications

#### Material variants

##### Profiles:

Available as CO<sub>2</sub>-reduced, low carbon emission steel

Steel zinc magnesium

Brushed stainless steel\*\*

##### Wooden door leaf:

with sound-insulating centre layer, hardboard top covering on both sides and finger-jointed hardwood lipping

#### Face widths

Frame from 50 mm

Fixed glazing from 70 mm

#### Dimensions

Inside width single-leaf (W×H): max. 1150 × 2300 mm

Inside width double-leaf (W×H): max. 2300 × 2300 mm

Glass sections Lmax / Amax: 2000 mm / 1.8 m<sup>2</sup>

EI30 fixed glazing (W×H): max. unlimited x 5000 mm

EI60 fixed glazing (W×H): max. unlimited x 4000 mm

#### Fittings

Concealed flush hinges

Attached and concealed door closers

Drop seal

Mechanical and motorised multi-point locks

Extensive range of handles and rosettes

#### System features

##### Design variants:

Side-hung door, single/double leaf, optionally with sidelight and fanlight, optional version with glass section in door leaf

Surfaces: HPL, wood veneers, priming foil

Structural depth 70 mm

#### Performance characteristics\*

\*\*PEFC certified wooden materials

Fire protection: EI<sub>2</sub>30 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 C5 according to EN 16034

Doors for escape and emergency routes (partial and full panic) according to EN 179 and EN 1125

Sound insulation: up to R<sub>w</sub> = 39 dB according to EN ISO 140-3

Behaviour between different climates: Class 3a / 2b according to EN 12219





Fire  
resistance



Smoke  
protection



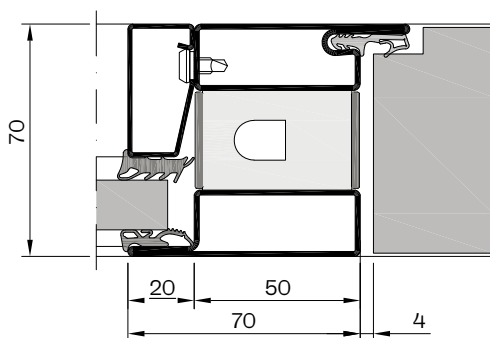
Durability



Stainless  
steel



Low Carbon  
Emission Steel



Transition from glazing to wooden door leaf

# forster fuego light with wooden panels

## Elegant design, strong protection

The forster fuego light system combines delicate steel or stainless steel profiles with flush wooden panels – suitable for single and double-leaf doors and partition walls with fire resistance EI30. The wooden panels can be designed in a multitude of surfaces and can be combined with glass panels in the partition wall, therefore offering maximum design freedom.

### Your benefits

- Extremely elegant combination of materials
- Flush design
- Maximum design freedom



### Technical specifications

#### Material variants

##### Profiles:

Available as CO<sub>2</sub>-reduced, low carbon emission steel

Steel zinc magnesium

Brushed stainless steel\*\*

##### Wooden panels:

with sound-insulating centre layer, hardboard top covering on both sides and finger-jointed hardwood lipping

#### Face widths

Door leaf with frame from 110 mm

Fixed glazing from 50 mm

#### Dimensions

Flush wooden panels in door leaf Lmax: 2300 mm / Amax 2.39 m<sup>2</sup>

Flush wooden panels in the partition wall or sidelight and fanlight  
Lmax: 2900 mm / Amax: 3.21 m<sup>2</sup>

#### System features

##### Design variants:

Side-hung door with flush wooden panels, single/double leaf, optionally with sidelight and fanlight

Partition walls with flush wooden panels and also in combination with flush glazing

##### Surfaces:

HPL, wood veneers, priming foil, 0.7 – 1.0 mm aluminium cover, coated on both sides with 1 – 2 mm steel, CrNi steel, aluminium, Cu or brass metal sheet

Structural depth 70 mm

#### Performance characteristics\*

\*\*PEFC certified wooden materials

Fire protection: EI<sub>2</sub>30 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) according to EN 179 and EN 1125

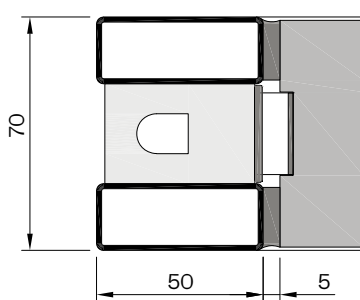
Sound insulation: up to R<sub>w</sub> = 42 dB according to EN ISO 140-3 (leaf value)

\*Take note of the country-specific approvals and requirements

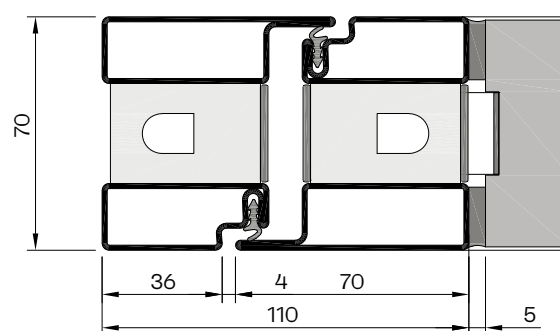
\*\*On request



- Fire resistance
- Smoke protection
- Durability
- Stainless steel
- Low Carbon Emission Steel



Fixed glazing frame profile



Frame/leaf combination



## Doors and partition walls with an elegant look

The perfect interplay of material, shape, light and transparency. The elegant combination of steel, stainless steel and wood, supported by delicate profiles and transparent glazing, creates transitions that look good – technically precise, visually quiet and impressive in its material quality.

Catering and accommodation establishments such as hotels, resorts and wellness facilities – full-surface fire resistant doors in delicate fire resistant glazing made of steel profiles.







Buildings in the healthcare sector such as hospitals and nursing homes – surfaces that are easy to clean thanks to flush doors and glazing.

High-quality office interior fittings –  
fire protection combined with indi-  
vidual colour schemes and virtually  
unlimited choices.





Public and private buildings with high demands in terms of materials and a sense of space – doors and panels with different colour and material compositions in combination with transparent fire resistant glazing.





# Steel is our nature.

**For us, steel is a matter of the heart. We develop long-lasting systems for attractive and energy-efficient architecture.**

Forster Profile Systems develops and manufactures safe, energy-efficient solutions in steel and stainless steel for doors, windows and facades in Switzerland. Forster works with its own branches in over 20 countries – and exclusive sales partners in around 10 more. In-house consultants are on hand to assist our customers at sites ranging from Europe and the Middle East to Asia and North America. Forster systems are used for building shells and interiors. This includes market-leading solutions that meet

the strictest requirements and standards in terms of thermal insulation, plus safety applications such as fire protection, burglar resistance and bullet resistance. The product range is rounded off by matching accessories. Our customers and business partners in architecture, planning and construction can also count on comprehensive services for their respective industry.

Forster Profilsysteme AG | CH-8590 Romanshorn  
[info@forstersystems.com](mailto:info@forstersystems.com) | [forstersystems.com](http://forstersystems.com)

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