

# forster unico xs

Outward opening  
windows

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## Unique slim profiles for windows

forster unico xs provides thermal insulated window elements and fixed glazing with very slim face widths. At the same time, it opens up a diversity of applications. This offers numerous opening variants and possibilities to achieve very low  $U_w$  values and outstanding sound insulation values. The unique profile design made of 100 percent steel is ideally suited for renovating old or historic buildings and for modern glass constructions.

### Technical specifications

#### Material variants

Bright steel

Steel zinc magnesium

#### Face widths

Window sash with frame from 48 mm

Fixed glazing from 23 mm

#### Dimensions

Top-hung window

Leaf height: max. 2378 mm

Leaf width: max. 2378 mm

Area: max. 1.85 m<sup>2</sup>

Turning window

Leaf height: max. 1528 mm

Leaf width: max. 778 mm

Fixed glazing (W×H): unlimited × max. 3000 mm

#### Fittings

Concealed fittings for outward opening turn windows, leaf weight max. 45 kg, max. opening angle: max. 40°

Concealed fittings for outward opening top hung windows, leaf weight max. 180 kg, max. opening angle: max. 87°

#### System features

Construction depth: Sash and frame profile 70 mm

Filling element thickness 44 mm (double and triple insulated glazing)

Design glazing beads in aluminium and steel

Wet and dry glazing

#### Performance characteristics\*

CE/UKCA marking according to EN 14351-1

Thermal insulation:  $U_w$  value

Window up to 1.2 W/(m<sup>2</sup>K) according to EN ISO 10077-1,

Fixed glazing up to 0.8 W/(m<sup>2</sup>K) according to EN ISO 10077-1

Resistance to wind loads: up to class A4/B4/C4 according to EN 12210

Watertightness: up to class E1350 according to EN 12208

Air permeability: up to class 4 according to EN 12207

Operating forces: Class 1 according to EN 13115

Sound insulation: up to  $R_w = 34$  dB according to EN ISO 140-3 and EN ISO 717-1



100% steel



Slim profiles



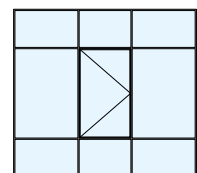
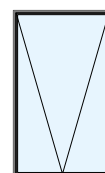
Recessed profiles



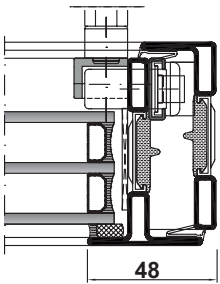
Thermal insulation



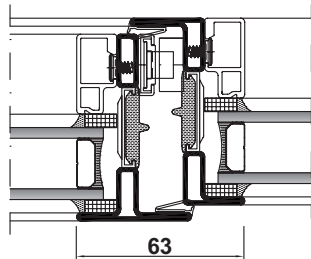
CE-marking



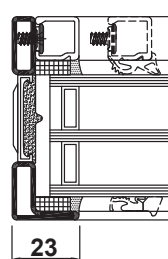
\*Take note of the country-specific approvals and requirements



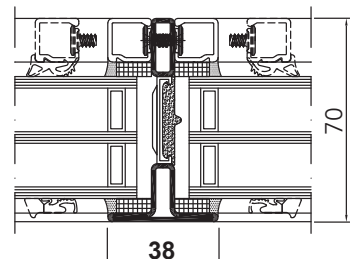
Window leaf and frame



Window leaf and fixed glazing



Fixed glazing



Fixed 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.

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**forster**