

# forster unico xs

# forster unico xs doors

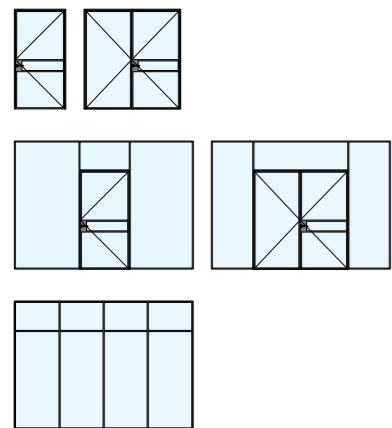
## Slim, energy efficient, flexible

Single-leaf and double-leaf doors with forster unico xs are characterised by uniquely narrow face widths. They bring together high-quality design with outstanding insulation values and sound insulation of up to 46 dB. In terms of building safety, the system also comes in a robust yet filigree version for use as an anti-panic door. Thanks to the freely bendable profiles, they are suitable for both renovations in line with requirements for listed buildings and high-quality new buildings.

The highly thermally insulated profile design of the narrowest flush doors in the Forster portfolio is made entirely from steel. As a result, the system offers maximum freedom of design, from selection of the geometry through to the combination with different glazing beads. The result is creative scope for solutions that are both aesthetic and have optimal energy efficiency.

### Your benefits

- Extremely narrow face widths
- High thermal insulation
- Exceptional freedom of design on the building shell



### Technical specifications

#### Material variants

Steel zinc magnesium

#### Face widths

Door leaf with frame from 65 mm

Fixed glazing from 23 mm

#### Dimensions

Inside width single-leaf (W×H): max. 1200 × 2400 mm

Inside width double-leaf (W×H): max. 2400 × 2400 mm

#### Fittings

Attached fittings

Max. leaf weight 160 kg

#### System features

Design variants:

Side-hung door with single/double leaf, with optional sidelight and fanlight

Fixed glazing

Insulated door threshold

Structural depth 70 mm

Max. filling element thickness 42 mm

Glazing beads in aluminium and steel

Wet and dry glazing

#### Performance characteristics\*

CE/UKCA marking according to EN 14351-1

Thermal insulation  $U_D$  up to 1.3 W/(m<sup>2</sup>·K)

Durability of self-closing properties: Class 6 according to EN 12400 (tested up to 200,000 cycles according to EN 1191)

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

Resistance to wind loads: Class B2/C2 according to EN 12210

Watertightness: Class 3A according to EN 12208

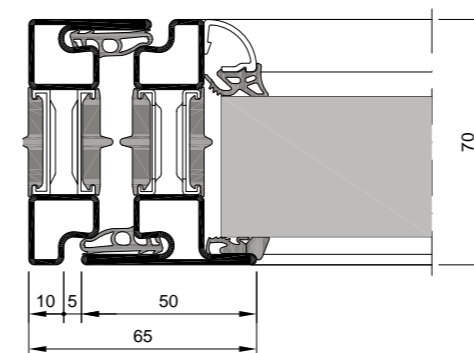
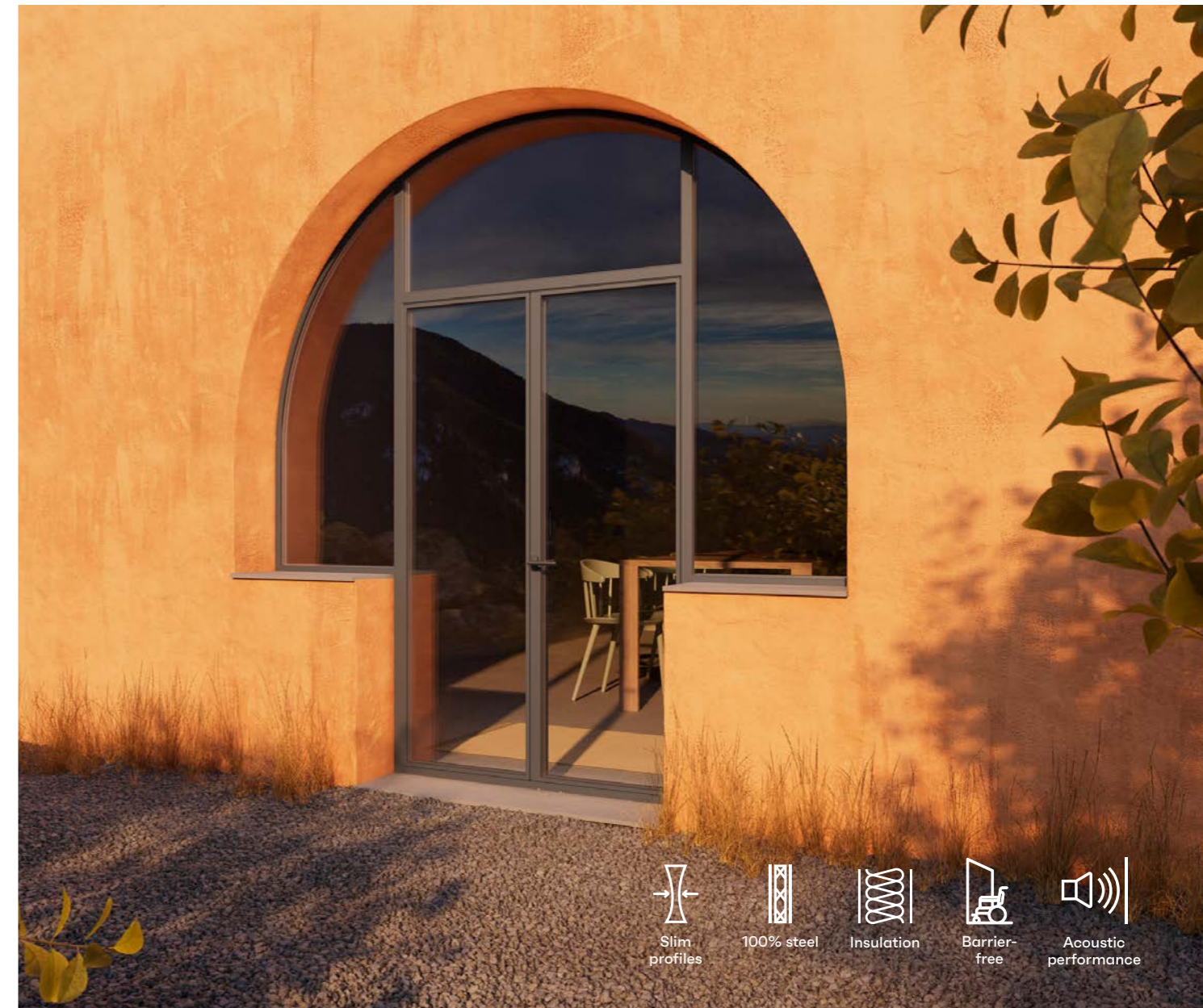
Air permeability: Class 3 according to EN 12207

Operating forces: Class 3 according to EN 12217

Barrier-free according to DIN 18040

Sound insulation up to  $R_w = 46$  dB according to EN ISO 140-3

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



Door leaf frame



# 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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