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forster thermfix vario and forster omnia system expansions

## New safety solutions for facades

Romanshorn, January 2025. Forster Profile Systems is expanding its portfolio with two innovative solutions for outdoor applications that combine the highest safety standards with design and environmental benefits: the new RC4 version of the forster thermfix vario mullion/transom system offers maximum burglary resistance, while the multifunctional window with forster omnia achieves high insulation values with burglary resistance up to protection class RC3 and allows leaf weights of up to 250 kg. Both systems are also available in low carbon emission steel and help ensure an improved environmental footprint of buildings. The system expansions presented for the first time at BAU 2025 are aimed at planners who want to implement future-oriented construction projects with the help of sustainable and aesthetic solutions.

### **A burglary-resistant facade solution at the highest level: forster thermfix vario RC4**

The forster thermfix vario system has been specially designed for use in sophisticated mullion/transom facades and combines design freedom with technical excellence. The system offers a functionally versatile toolbox for creative facade design with field sizes of up to 2300 x 4600 millimetres. A new feature in the system is the expansion to include burglary resistance up to protection class RC4. This is ensured by three special fastenings and clamping blocks on each glass edge, while stainless steel press profiles provide additional stability. The reinforcement of the profile systems is not visible from the outside, meaning that individual facade sections can be designed with a uniform appearance, even if they have different safety requirements. The lower protection classes RC2 or RC3 are achieved by simply reducing the number of fastenings. This means that even facades with complex functional requirements can be implemented consistently with a single profile system and identical components.

In addition to the safety features, forster thermfix vario stands out thanks to its minimum face widths starting from 45 millimetres. These ensure a particularly slender appearance and light-flooded interiors for elements over four and a half metres high. Regardless of whether the filling is transparent or opaque, the burglar-resistant facade solution is the ideal choice for prestigious buildings with stringent security, aesthetic and sustainability requirements. Last but not least, the recyclable system is made entirely from steel and is also available in low carbon emission steel, thus helping to reduce the carbon footprint of buildings.

### **Burglar-resistant window with heat insulation: forster omnia RC3**

In the forster omnia system, Forster is presenting a prototype for a burglar-resistant window with protection class RC3 and leaf weights of up to 250 kilograms for the first time at BAU. The system will also be sure to impress with its excellent insulation values and achieves a Uf value of up to 1.2 W/m<sup>2</sup>K in combination with triple-layer insulating glass. As forster omnia is made entirely from steel, window designs with leaf sizes of up to 1640 x 2840 millimetres and filling thicknesses of

almost 70 millimetres are possible. Burglary resistance up to RC3 is achieved by means of screw-in glazing beads and robust stainless steel turn fittings. As a result, the face widths do not differ from the standard version and make forster omnia the ideal choice when a uniform facade design is required.

Much like all of the Forster profile systems, the new window solution with forster omnia is now also available in a low carbon emission steel version, which is produced with significantly lower CO2 emissions than conventional steel. What's more, the thermally insulated window design does not require synthetic insulating materials, which makes it easier to recycle at the end of a building's life cycle.

Further information on the profile systems is available on the website:

- [forster thermfix vario](#)
- [forster omnia](#)

For further information, please visit [www.forstersystems.com](http://www.forstersystems.com)

#### **Forster Profile Systems –Steel is our nature**

Forster Profile Systems Ltd develops and produces secure and energy-efficient solutions made from steel and stainless steel for doors, windows and facades. Forster is a partner in the property sector and offers individual advice and project support on site around the globe. The products and system solutions from Forster for the building shell and interior applications meet the most stringent requirements and standards, with heat insulation and safety features such as fire protection, burglary resistance and bullet resistance. The portfolio is rounded off by accessories and comprehensive services for customers and business partners in architecture, planning and the construction industry.

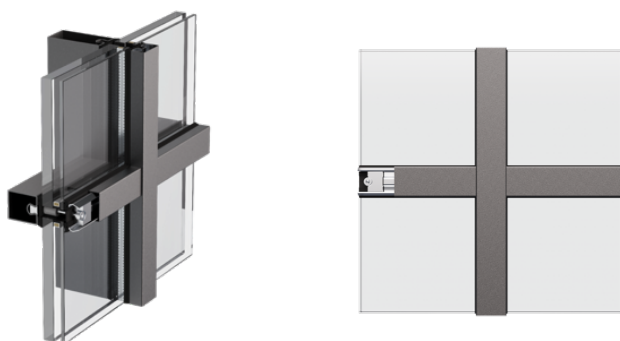
Forster works with its own subsidiaries in more than 20 countries – and exclusive sales partners in around 10 other countries from Europe and the Middle East to Asia and North America.

#### **Press contact**

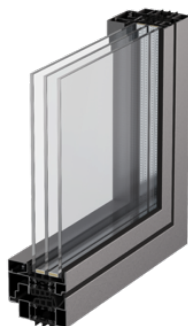
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## Images



*With the forster thermfix vario mullion/transom system with RC4 burglary resistance, Forster is presenting a facade solution for prestigious buildings at BAU 2025 that meets stringent security, aesthetic and sustainability requirements. Figures: © Forster Profile Systems*



*Designed for the planning of sustainable buildings: the prototype for the forster omnia window with protection class RC3 for leaf weights of up to 250 kilograms combines heat insulation and burglar resistance to meet high standards. Figures: © Forster Profile Systems*