

# Slide, seal, delivered

Roto's Patio Inowa system is designed to make large sliding windows a possibility for projects on which requirements, such as accessibility, air tightness, energy efficiency and noise reduction, are high priorities.

Compared with traditional in-line sliders, on which the locking points are confined to the vertical closing side only, Patio Inowa offers a number of benefits.

The main feature is the manner in which this hardware system closes and locks with a perpendicular action, compressing an unbroken, all round weather sealing strip and keeping it tightly shut by means of locking points on all four sides.

A low base frame profile means that installations made with Patio Inowa are designated as barrier-free



according to the German DIN 18040 standard.

The circumferential gasket has been proven to meet relevant industry standards for air and water impermeability, resisting test pressures of up to 1200 Pa. Roto says that Patio Inowa is suited to all environmental conditions, including location on high rise buildings that are often exposed to very strong gusts of wind.

The maximum sash loading of 200kg provides the opportunity for energy efficient glazing to be accommodated. This, coupled with the strong weather performance, ensures that an installation with Patio Inowa can be a very energy efficient element, helping buildings to meet and even exceed energy saving requirements.

The all-round locking is achieved via the tapered locking cams, which gradually pull the sash closed in a perpendicular direction when the handle is turned downwards into the fully locked position. The system has been geared to make it easy for one person to operate the mechanism and slide the sash open and closed, all via the handle only.



Patio Inowa is 'foolproof' in that it is not possible to put the handle into a position where damage to the mechanism via misoperation can occur. This makes the system very well suited for use in offices, public buildings, hotels or rental apartments.

The product makes use of some familiar elements, such as a tried and tested locking unit that has been used in many other Roto systems, plus a classic Roto

handle design. "These features are combined with brand new developments such as the smooth, low-friction rollers which provide a premium quality feel and help make the system a pleasure to use," says a Roto spokesperson.

Along with the very easy handle movement, the product creates a sliding door that anyone can operate easily, even at the maximum sash weight of 200 kg and height of 2500mm.

Patio Inowa is suitable for use on PVC, timber and aluminium profiles. □

"Patio Inowa is foolproof"

# Fastest in the UK

**E**ast Midlands based Frame Fast UK now offers aluminium bifold doors in just two weeks.

“Installers are ordering more and more bifold doors,” says Nigel Leivers, director at Frame Fast UK. “Whether it’s for a conservatory, an extension or a commercial project, we know they need them fast. We have made from ordering to site, quick and easy. With fast quote turnaround, including an online bifold door designer, to reliable processing of orders, it only takes from two weeks to get a bifold door from us.

<None>We manufacture aluminium bifold doors in our Derby factory. With modern, slimline frames, wide openings up to seven panels and an ultra-low threshold option, we can meet any project requirement. We can offer white bifold doors with warm-edge glass units as standard, in two weeks.

“We will be offering more colours on a two-week turnaround very soon. This will give installers even more options, to complete projects really fast, for domestic and commercial projects. For made-to-order bifolds, we can do any RAL colour with dual option available.

“We have a complete range of aluminium products, so installers can order everything they need from one place. This includes aluminium sliding doors, French doors, residential and commercial doors, windows and curtain walling.” □

[www.framefastuk.com](http://www.framefastuk.com)



**Alumen’s recently launched sliding aluminium door set, Cor-Vision Plus, will take centre stage in their brand-new showroom, following their recent expansion to a new 15,000 sq ft facility in Kettering.**

**“The Cor-Vision Plus offers 94% glass area with only 25mm sightlines. It is a real game changer and why we have chosen it to be centrepiece of our new showroom,” says Alan Robinson, Alumen’s MD. “We recently moved to a new facility in Kettering, which not only offers increased fabricating space to keep up with demand, but also a larger showroom facility where we will be showcasing the wide product range we offer, including Cortizo, Schueco and Smarts.”** □

[www.alumen.co.uk](http://www.alumen.co.uk)