

PRODUCT BULLETIN

greenteQ Invisifold Slide & Fold Hardware



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greenteQ Invisifold is the patented, innovative new slide & fold hardware solution for patio doors.

Like a bi-fold door, the sashes fold back to the side to allow a full opening, offering barrier-free living.

Unlike bi-fold doors, the sashes do not run on wheels, and you don't have to open multiple sashes at the same time. Instead, after the main passage door has been opened, each sash slides independently on low-friction tracks to locate into its fold position.

Opening the sliding sashes is easily achieved by moving each sash across the opening until it locates in the landing gate that allows it to fold open. This takes minimal effort, even on large and heavy sashes weighing up to 80KG. Once the sash is in position it can be opened fully. Repeat this for all the sashes on the door for a full opening.

If preferred, once the main sash is opened, the user can opt to simply move the sliding sashes within the frame opening, without reaching the fold position, to create flexible ventilation. Alternatively move only some of the sashes to the open position and have a split opening. The choice is with the end user to position the sashes as they wish, offering more flexibility in use than a traditional bi-folding door.

The only fixed hinges are on the main passage door and these, like the sliding components, are concealed within the frame rebate. This means that the only hardware items visible when the door is fully closed are the handle and profile cylinder, leaving just the uninterrupted clean lines of the door profile. Not only does this provide the door with an elegant appearance but also makes it easier to keep clean. Another benefit of having fully concealed hardware is that any would-be burglar does not know the best points to attack the door.

The main passage door is hung on bespoke concealed hinges that will carry a sash weighing up to 100KG. This sash will be at one end with all the sliding sashes sliding and folding against it, and is secured with an off-the shelf multi-point door lock.

I-Bolt interlocking devices secure the sliding sashes, either sash to sash or sash to frame, to provide security and weather tightness.

Manufacturers benefit from the fact that only standard resi-door profiles are used. No special profiles are required, as is the case with inline bi-fold doors.

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Benefits at a glance:

- Sashes fold back to provide barrier-free living
- Hinges, sliding and interlocking components are concealed within the frame rebate leaving just the clean lines of the profile
- Clever design with I-Bolt interlocking devices provides excellent security and weather performance
- Utilises standard profiles
- Maximum sash weight 100KG
- 1040mm maximum sash width
- Refer to systems company for max. sash height
- No limit to the quantity of sashes#

- Inward or outward opening with the same hardware
- Independently tested to PAS24:2012
- Document Q compliant subject to profile and main passage lock used
- Easy to order

#Sliding sashes with sash rebate widths of 1000mm can be built, subject to a maximum weight of 100KG. The maximum frame width is dependent on the profile system provider's recommendation.

Order Details

Ordering Invisifold is easy. All that is required is a door lock with strikers, a handle, a profile cylinder, a pair of concealed hinges for the main passage door, one Invisifold sash kit for each sliding panel, 2 hinge stops and sufficient track to cover the frame rebate width at the top and bottom.

Please contact us for a parts list specific for your profile system

Please contact us for advice on the hardware required for a PAS 24 level door.

Example Order

The following is required for a 3 pane door (1 turn door with 2 sliding panels) of maximum 3.3m frame rebate width.

- 1 x Resi-door lock & strikers*** (profile related)
- 1 x Handle
- 1 x Profile cylinder (profile related)
- 2 x Invisifold sash kit (profile related)**
- 2 x 3m Invisifold track (profile related)
- 2 x Corner hinge (5RNT3107)
- 1 x Pivot rest LH (profile related)
- 1 x Pivot rest RH (profile related)
- 2 x Nylon hinge stops (4QNV0106)

***Door Lock Option

We recommend the Yale Mantis lock and striker plates for the main passage door as listed below:

**Each door requires 1 x 'Sash to Frame' kit and as many 'Sash to Sash' kits as necessary (to cover all other sliding sashes)