



Restrictor Hinge

Restrictor Friction Hinge



The Restrictor Hinge is a simple, effective way to restrict initial window opening to 100mm to comply with BS8213-1: 2004 'Code of Practice for Safety in Use and in Cleaning'.

The unobtrusive mechanism, which is integral to the hinge and designed to be less tempting to children, requires a level of strength and dexterity to operate and two hands are required to coordinate opening, giving added protection. An automatic reset facility ensures safe operation at all times.

Windows incorporating the Hinge have been tested to meet the requirements of BS EN 14351-1:2006 'Load bearing capacity of safety devices'.

“with built-in safety restrictor”

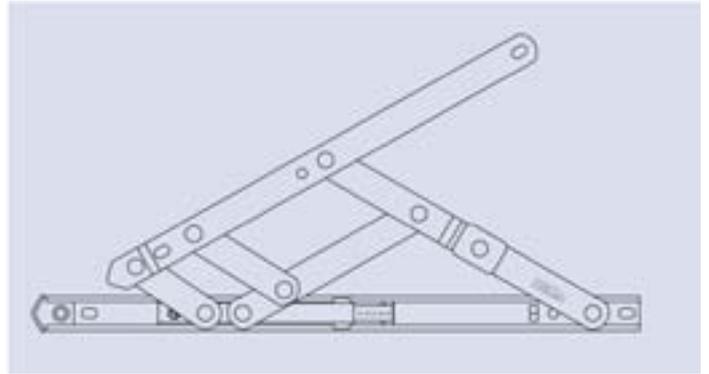
ABOVE: The Restrictor Friction Hinge features an automatic reset facility mechanism to ensure safe operation at all times.



Technical Data

Manufactured from stainless steel with excellent load bearing characteristics, the Restrictor Hinge requires coordinated two-handed operation to achieve the full ventilation position.

Suitable for PVC-u, timber or aluminium windows, the Restrictor Hinge comes in a range of sizes, from 300mm to 600mm, in 13mm and 17mm stack heights. Slotted fixing holes in base channel provide maximum sash/frame adjustment.



Fitting Instructions.

Restrictor Friction Hinges are designed to make fitting as simple as possible. There are slotted fixing holes in the base channel and sash bar, with final fixing holes in each component. This configuration allows a maximum of sash to frame adjustment during fitting and window installation. Friction Hinge mounting faces must be flat, parallel and provide the correct cavity clearance, 13mm or 17mm (-0mm+1mm). Friction Hinges should be fitted with the end-cap abutting the corner of the window frame. The centre line of both vent and frame arms should be coincidental and parallel. Size and weight parameters are to be strictly observed. After installation, the friction screw should be adjusted to obtain the desired resistance. All window hardware will require regular inspection, cleaning and maintenance in order to operate in the manner for which they have been designed. Specifications involving 500mm and 600mm products may require two Restrictor Hinges per window dependent upon application. For guidance please refer to Mighton Products.

Specifications

| Size | 300mm (12") | 400mm (16") |
|-------------------|----------------------|-------------|
| Vent Type | Side Hung & Top Hung | Side Hung |
| Max Vent Width | 600mm | 700mm |
| Max Vent Heights | 1300m | 1300mm |
| Max Vent Weight | 22kg | 24kg |
| Opening Angle | 60° | 60° |
| 13mm Range | | |
| Code | RES1213 | RES1613 |
| 17mm Range | | |
| Code | RES1217 | RES1617 |

NOTE: 17mm stack height hinges are handed pairs.



“Make It Once...Make It Mighton...”

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