

## Casement Restrictor Stay



### Features

- Fully concealed when the sash is closed
- Designed for side and top hung windows
- Quick installation without additional routing
- Non-handed design that fits in standard 16mm Eurogroove for maximum profile compatibility
- Stability of the window opening is improved by providing additional support to the existing hinge
- Available in a range of lengths to suit an array of applications, accommodating for varying opening restriction requirements (subject to installation position relative to the window/door size)
- Friction can be modified/controlled by an adjustment screw
- Prevents disengagement - the stay cannot be manipulated and released without removing the fixing screws
- Suitable for Timber, Aluminium or PVCu
- Suitable for use on profiles without reinforcement (check performance against applicable standards and test for compliance)
- Can be used on new installations or fitted to existing windows to upgrade safety (as a limiting restrictor)
- Durable, universal design allows the stay to be used on some door types to limit final opening position

### Limit Opening

The Restrictor Stay designed to robustly and reliably limit the opening angle of side hung and top hung sashes for the lifetime of the window.

Can improve a window assembly's stability and resistance to wind loads whilst facilitating a critical function of a limiting device to protect users/children from falls.

Longer lengths can also be used to limit the opening of a door to a defined angle and protect the door from wind loads.

### IMPORTANT

- During installation the arms of the product must be angled (not fitted parallel /90 degrees) to allow the sash to close with ease
- The stack height has some flex which can accommodate for varying air gaps of profiles. Minimum stack height 13 -13.5mm
- The closer the product is fitted towards the hinge, the greater the opening angle at the locking edge

## Casement Restrictor Stay

### Ordering Details

#### Casement Restrictor Stay

| Size |       | Part Code   |
|------|-------|-------------|
| 06"  | 152mm | WFCSXX0600A |
| 10"  | 262mm | WFCSXX1000A |
| 12"  | 311mm | WFCSXX1200A |
| 14"  | 370mm | WFCSXX1400A |
| 16"  | 414mm | WFCSXX1600A |

### Technical Information

#### Corrosion resistance

Meets the requirements of BS EN 1670: 2007 Grade 4 (240 hours)

#### Performance

Tested to 25,000 cycles of opening in accordance with EN13126-1:2022\*. Can meet the requirements of Clause 5.3.2 Restrictor Operation Cycle, Grade 5 25,000 cycles to BS EN 13126-5: 2011+A1 2014.

#### Operation

Can meet requirements of BS 6375-2: 2009 and Clause 4.8 of EN 14351-1:2006 + A2 2016 for 350N Load Bearing Capacity of Safety Devices in accordance with BS EN 14609-2004. Tested to Clause 5.4.3 of BS EN 13126-5: 2011+A1 2014 for Restrictor Strength 350N loading for 60 seconds\*.

#### Safety

Compliance with Load Bearing Capacity of Safety Devices in accordance with BS EN14609-2004 is dependent on specific application checks relative to window profile and sash size, subject to the Operation/Performance provision above.\*

This product has not been tested as Safety Limiting Restrictor to EN13126-5 which includes, but not limited to, restricted opening of <100mm and impact resistance with 50kg mass.

\*Tested on a Top Hung Casement Window W1200mm x H1200mm, weighing 38kg and Side Hung Casement Window W750mm x H1250mm weighing 28kg with 1 Casement Restrictor Stay.

Product performance, operation and safety is subject to the parameters of the sash sizing and the system house/profile used. Accredited testing should be conducted to validate any specific regulatory statements/claims.

### Material Specification

Bars, Arms and Rivets: Stainless Steel BS EN 10088-2:2005 Ferritic - 1.4016 (430 S17)

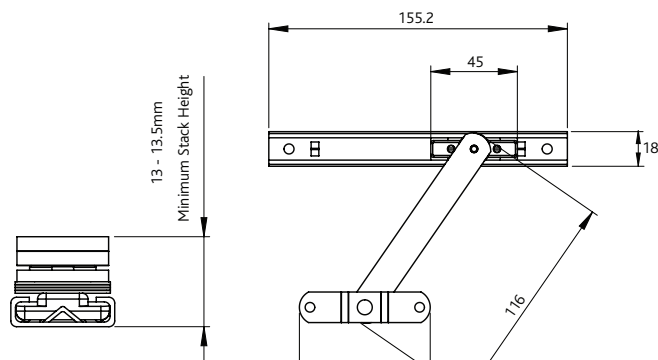
Mouldings: Glass filled Nylon

Friction Screw: Brass BS EN 12164:1998 CW614N

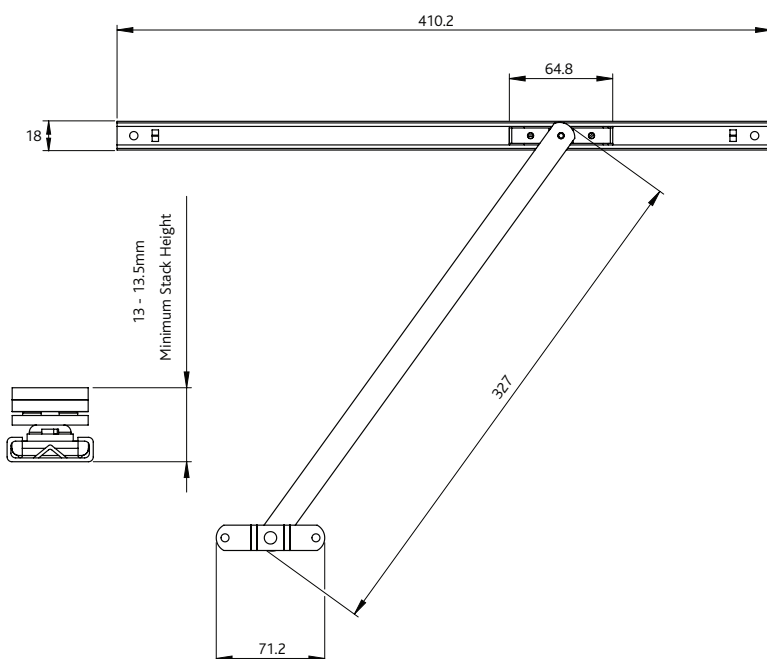
### Maintenance

All moving parts should be lightly lubricated using a light non-acidic mineral oil (e.g. "3 in 1") twice per year and the surface cleaned with a soft damp cloth. The product may need to be adjusted and fixings tightened to ensure a satisfactory operation.

6" Casement Restrictor Stay



16" Casement Restrictor Stay



All dimensions are in mm. ERA reserves the right to change specification without notice. It is the responsibility of the window manufacturer to ensure that the finished product meets any required safety and performance specification.

### Packaging

| Size |       | Box Quantity | Box Weight | Box Size         |
|------|-------|--------------|------------|------------------|
| 6"   | 152mm | 50           | 4kg        | 202 x 185 x 90mm |
| 10"  | 262mm | 50           | 6kg        | 352 x 185 x 70mm |
| 12"  | 311mm | 50           | 6.9kg      | 337 x 185 x 70mm |
| 14"  | 370mm | 50           | 8kg        | 387 x 185 x 70mm |
| 16"  | 414mm | 50           | 9kg        | 435 x 185 x 70mm |