

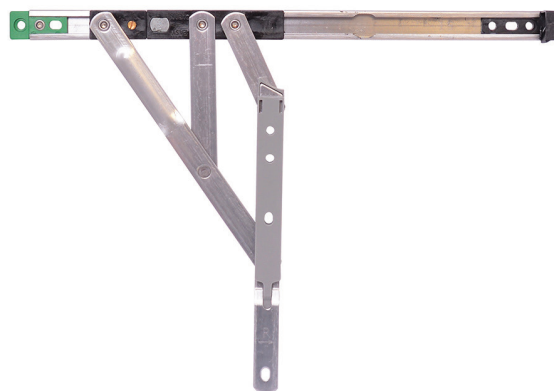
## Horizon Egress Easy Clean Friction Stay



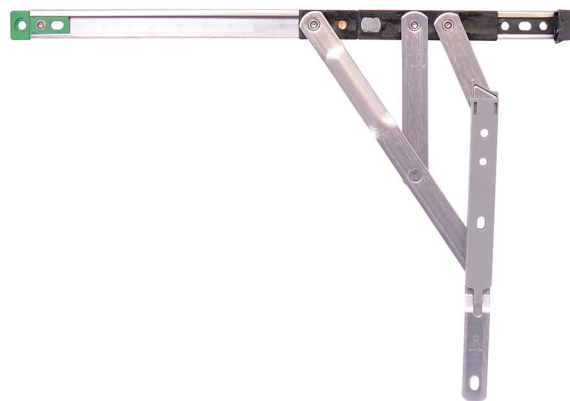
Egress

### Features

- Easy to operate, durable and reliable design
- Designed to open initially to egress in one operation
- Easy-clean is achieved by fully opening the window, pushing the button and simply pulling the sash
- Simply closing the window resets the hinge
- High quality Stainless steel for long life performance
- 2 stack heights - 13mm and 17mm
- Adjustable friction screw to suit the individual weight of the window
- Capable of meeting the requirements of BS 6375 as part of a compliant window system
- Designed to meet the requirements of Building Regulations Approved Documents B Fire Safety 2019 edition in a window of appropriate dimensions
- Patent pending
- PAS 24:2012 security performance can be obtained in conjunction with a Hingeguard
- The Hingeguard is designed to only engage when the window is under attack and prevents disengagement by supporting the friction hinge
- Meets the requirements of BS EN 13126-6:2008



Easy Clean position



Egress position

## Horizon Egress Easy Clean Friction Stay

### Ordering Details

Side Hung	Part No.	
Size	13mm	17mm
12" 336mm	WFHZFEC1213SA	WFHZFEC1217SA
16" 424mm	WFHZFEC1613S	WFHZFEC1617S

### Dimensions

Size (mm)	Nom Inch	Stack Height	Dim A	Dim B	Dim C	Dim D
336	12	13mm	335.5	51.9	88.4	283.4
336	12	17mm	335.5	49.5	86.0	183.0
424	16	13mm	424.3	47.5	147.5	236.0
424	16	17mm	424.3	47.5	147.5	236.0

### Weights and Sash Sizes

Size (mm)	Nom Inch	Approx. Opening Angle	Max Width (mm)	Max Height (mm)	Max Sash Weight (kg)
336	12" Side	90°	600mm	1200mm	22kg
424	16" Side	90°	700mm	1300mm	24kg

### To Comply with BS 9999

Egress Opening	Minimum Sash	450mm
Egress 12"	Minimum Sash (to comply)	572mm
Egress 16"	Minimum Sash (to comply)	559mm

### Technical Information

#### Corrosion resistance

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

#### Performance

Meets the requirements of BS EN 6375-1:2004. Tested to 20,000 cycles

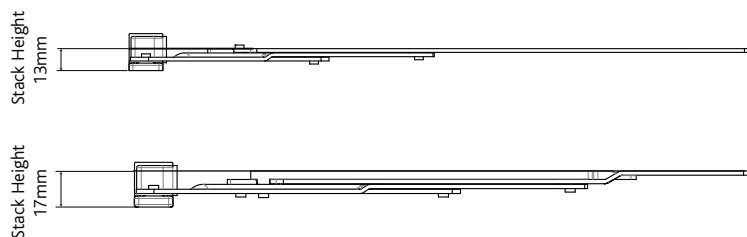
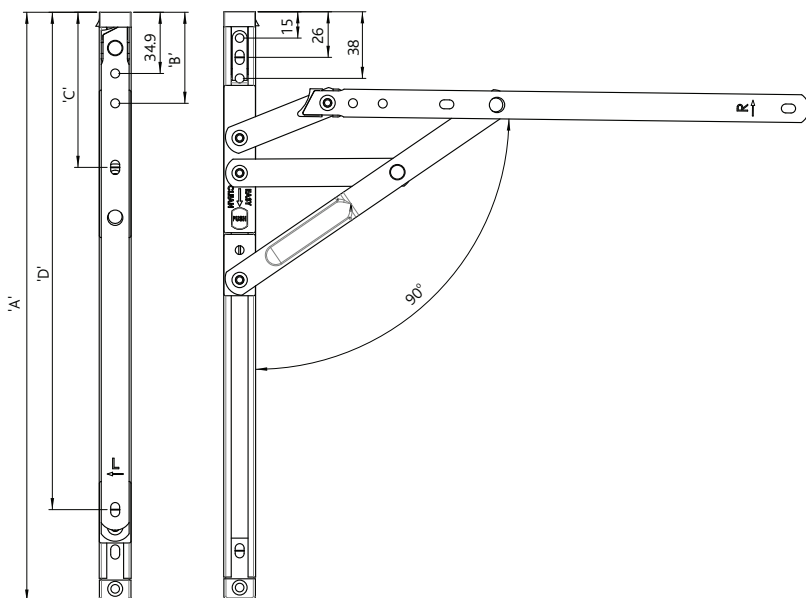
#### Safety

Designed to meet the requirements of BS EN 8213-1:2004 and Building Regulation Approved Document B: 2019 edition\*\*\*

### Material Specification

Bars, Arms and Rivets:	Stainless Steel BS EN 10088-2:2005 Ferritic - 1.4016 (S430 S17)
Locking Pin:	Stainless Steel BS EN 10088-2:2005 1.4305 (S303 S15)
Springs:	Stainless Steel BS EN 10088-2:2005 1.4305 (S304 S15)
Mouldings:	Glass filled Nylon
Hinge support pins:	Brass BS EN 12164:1998 CW614N

\*\*\*Document B - An unobstructed opening of not less than 0.33m<sup>2</sup> and at least 450mm wide or 450mm high and no more than 1.1m from the ground (the route through the window may be at an angle rather than straight through). Opening area and minimum width requirements vary by profile system (not just hinge geometry), data sheet dimensions are indicative only. Horizon Egress hinges are only suitable for side hung applications.



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

### Maintenance

The pivot point should be lightly lubricated twice a year and the surface cleaned with a soft cloth to remove any dust or grime. The product should be periodically adjusted and the fixings tightened to ensure a satisfactory operation.

### Packaging

Size	Box Quantity	Box Weight
12" 328mm	25	12kg
16" 431mm	25	16kg