

Reflex Plus Friction Stay



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, twisting the mechanism and simply pulling the sash
- Simply closing the window resets the hinge
- No depressing of buttons ensures safe operation
- 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



Reflex Plus Friction Stay

Ordering Details

Side Hung	Part No.	
Size	13mm	17mm
12" 328mm	WFRBSJ1290A	WFRBSK1290A
16" 431mm	WFRBSJ1690	WFRBSK1690

Dimensions

Size (mm)	Nom Inch	Stack Height	Dim A	Dim B	Dim C	Dim D
328	12	13mm	307.5	17	86	281
328	12	17mm	307.5	17	86	183
431	16	13mm	396	15	147.5	366
431	16	17mm	396	15	147.5	236

Weights and Sash Sizes

Size (mm)	Nom Inch	Approx. Opening Angle	Max Width (mm)	Max Height (mm)	Max Sash Weight (kg)
328	12" Side	90°	600mm	1200mm	22kg
431	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

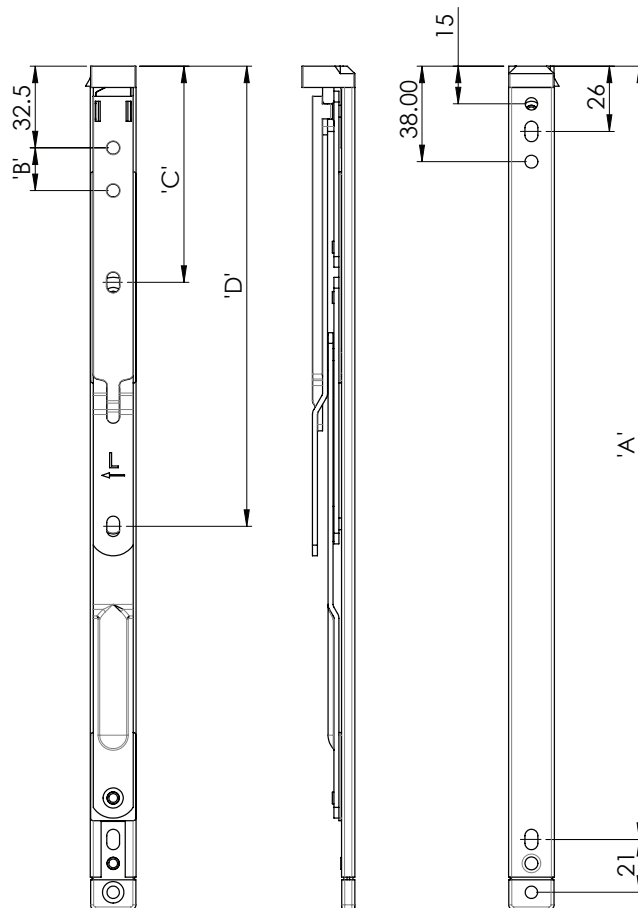
Safety

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 0.33m² 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. Reflex Plus 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	30	13kg
16" 431mm	25	15kg