

# REFLEX

## emergency exit friction stay

The Reflex range of friction hinges are designed for safety and emergency exit in accordance with current standards.

Designed to accommodate sash's up to 20kgs, 650mm wide x 1300mm high and to meet the requirements of BS 5588-1:1990 and the Building Regulations Document B Fire Safety 2006 edition:

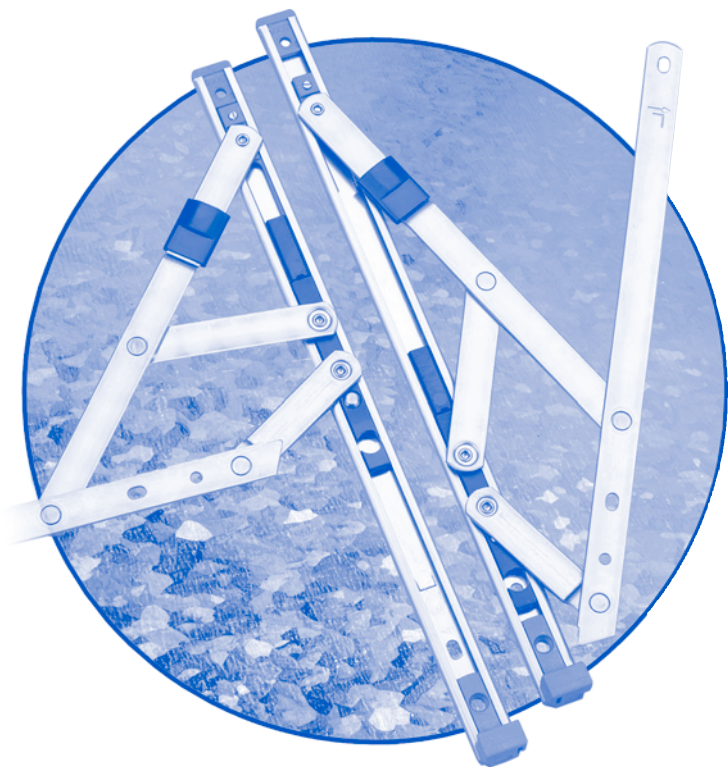
*"The unobstructed openable area, at least 0.33m<sup>2</sup> and at least 450mm high x 450mm wide. The route through the window may be at an angle rather than straight through".*

Reflex hinges are only suitable for side hung applications.

Manufactured from high quality stainless steel, the reflex hinge is designed to allow the window to open initially to egress. Easy Clean is achieved simply by fully opening the window and applying pressure to the sash allowing access for the external cleaning of the glass. Simply closing the window resets it to the Egress position when next opened.

The friction screw in the green slider may be adjusted to suit to individual weight of the window.

The security performance of the window may be enhanced by the fitting of Hingeguard protection plates.



### Technical information

<b>Corrosion resistance:</b>	Meets the requirements of BS EN 1670:2007 Grade 4 (240 hours)
<b>Performance:</b>	Capable of meeting the requirements of BS6375-1:2004. Tested to 20,000 cycles of opening
<b>Safety:</b>	Designed to meet the requirements of BS8213-1:2004 Code of Practice
<b>Operation:</b>	Capable of meeting the requirements of BS6375-2:1987
<b>Egress:</b>	Capable of meeting the requirements of BS5588-1:1990 and the Building Regulation Approved Document B (Fire Safety):2006 Edition

### Material specification

**Bars, Arms, Channels & 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 S31)

**Spring:** Stainless Steel, BS EN 10088-2:2005 1.4301 (S304 S15)

**All Plastic: Mouldings:** 30% Glass Filled Nylon

**Friction Screw & Skid Pad:** Brass BS EN 12164:1998 CW614N

### Product options

Available in sizes 12" and 16". Side hung.

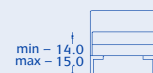
14mm and 16.5mm stack. Egress to Easy Clean.

See opposite for complete list of product codes.

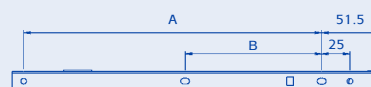
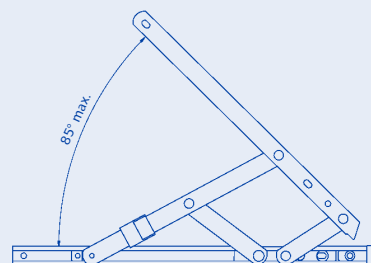
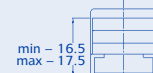
### Dimensions

Size mm	Nom inch	Dim. A	Dim. B
311	12	263	-
414	16	366.5	206

### Standard stack



### Hi-stack



### Weights and sash sizes

	Size mm	Approx Opening Angle	Sash Width mm	Sash Height mm	Max sash Weight (kg)
Egress 12"	324	85°	600	1200	18
Egress 16"	427	85°	650	1300	20



STACK



STACK



BS 5588



BS 6375



GUARANTEE

# REFLEX

## Part numbers

### Size

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12"	328mm	14mm	WFAESA1290
12"	328mm	16.5mm	WFAESG1290
16"	431mm	14mm	WFAESA1690
16"	431mm	16.5mm	WFAESG1690

## Packing information

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12"	328mm	50 pairs	22kg
16"	431mm	25 pairs	15kg