

EGRESS E2, E3

emergency exit friction hinges

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

Designed to accommodate window sizes 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 2000 edition: "The unobstructed openable area, at least 0.33m² and at least 450mm high x 450mm wide. The route through the window may be at an angle rather than straight through".

Manufactured from high quality stainless steel, the Egress range is available in three alternative options:

E2 Easy-clean to egress is designed to operate as a normal hinge allowing cleaning of the external glass surface upon opening. Egress is achieved by releasing the green tab and applying pressure to the sash to open the window to its maximum width allowing emergency exit.

E3 Restricted, Easy-clean to Egress is designed to restrict the initial opening of the window to 100mm in accordance with BS 8213*. Upon releasing the restrictor button, the window opens as a normal hinge to easy-clean position. Egress is achieved by releasing the green tab and applying pressure to the sash to open the window to its maximum width allowing emergency exit.

All Egress hinges may be adjusted for friction to suit the individual weight of the window.

*Restricted opening of 100mm is dependent upon window size.

Technical information

Corrosion resistance:	Meets the Requirements of BS EN 1670:2007 Grade 3 (96 hours)
Performance:	Meets the requirements of BS6375-1:2004 Tested to 20,000 cycles of opening Tested to 30,000 cycles depressions of the restrictor mechanism (Restrictor only) E2 & E3 meet the requirements of BS7950, depending on window size and fitting
Operation:	Meets the requirements of BS6375-2:1987
Safety:	Meets the requirements of BS8213-1:2004 (Restrictor only) (E3). Restricted opening to 100mm is dependent upon window size
Egress:	Meets the requirements of BS5588-1:1990 & Building Regulation Approved Doc B (E3 only)

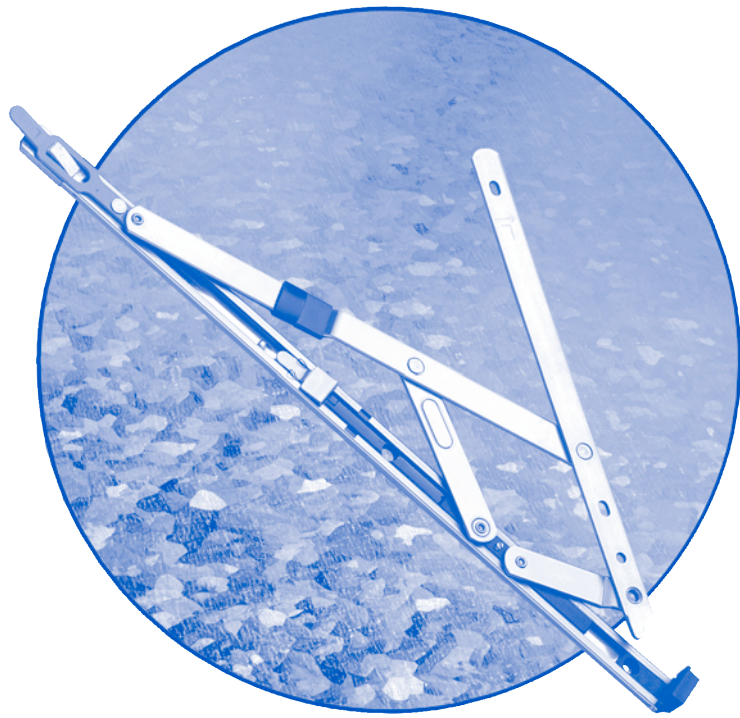
Material specification

Bars, Arms & Rivets:	Stainless Steel BS EN 10088 Pt 2:2005 Ferritic – 1.4016 (430 S17) Austenitic – 1.4301 (304 S15)
End Cap:	Black Verton™
Mouldings:	Glass filled Nylon
Friction Screw:	Brass BS EN 12164:1998 CW614N

Product options

Available in sizes 14" or 16". Side hung.
14mm or 16.5mm stack height.

See opposite for complete list of product codes.

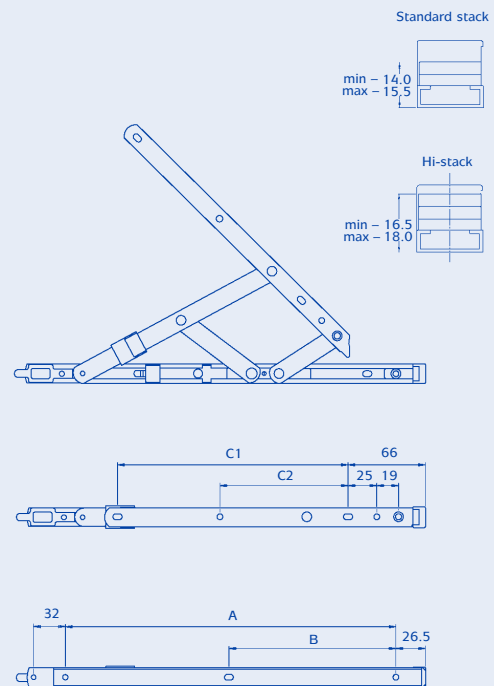


Dimensions – E2

Size	Nom	Dim.	Dim.	Dim.	Dim.
mm	inch	A	B	C1	C2
370	14	328	187.5	167.5	-
414	16	390	220	201	56

Dimensions – E3

Size	Nom	Dim.	Dim.	Dim.	Dim.
mm	inch	A	B	C1	C2
370	14	328	187.5	167.5	51
414	16	390	220	201	56



Weights and sash sizes

Size	Nom	Approx	Max	Max	Max
mm	inch	Opening	Width	Height	Sash
		Angle	mm	mm	Weight
					(kg)
370	14	87°	550	1300	18
414	16	62°	700	1300	20



14mm STACK



16.5mm STACK



BS 7950



BS 8213



BS 5588*



BS 6375



AUSTENITIC



FERRITIC



SECURED BY DESIGN



SARACEN SECURE



10 YEAR GUARANTEE

* E3 only

EGRESS E2, E3

Part numbers

E2F EASY CLEAN/EGRESS

Size	14	16.5
14" 370mm	WFEXSA1490A	WFEXSG1490A

E2 EASY CLEAN/EGRESS

Size	14	16.5		
	LH	RH	LH	RH
14" 370mm	WFESSA1491	WFESSA1492	WFESSG1491	WFESSG1492
16" 414mm	WFESSA1691	WFESSA1692	WFESSG1691	WFESSG1692

E3 RESTRICTED/EASY CLEAN/ EGRESS

Size	14	16.5		
	LH	RH	LH	RH
14" 370mm	WFE3SA1491	WFE3SA1492	WFE3SG1491	WFE3SG1492
16" 414mm	WFE3SA1691	WFE3SA1692	WFE3SG1691	WFE3SG1692

14mm E'Block

	LH	RH
14" 370mm	WFEESA1491	WFEESA1492
16" 414mm	WFEESA1691	WFEESA1692

Packing information

Size	No per pack	Weight
14" 370mm	25 pairs	14kg
16" 414mm	25 pairs	15kg