

MEGA EGRESS HINGE

For casement window systems, the Mega Egress Friction Hinge is suitable for all side hung applications. Due to the design's superior integral strength, one hinge size covers all frame widths up to 900mm at a maximum load of 40kg (345mm version) or 33kg (220mm version).



Product Code 0115

Special Features Summary:

- 220mm and 345mm suits all side hung applications up to 600mm and 900mm sash widths respectively
- Reduced possibility of finger entrapment
- In open position the sash is moved outside the frame to maximise the escape aperture
- True 90° opening for egress compliance (80° opening restrictors available)
- Achieves minimum fire escape requirement of 450mm opening for egress applications on smaller windows compared with traditional egress hinges
- Can be moved into easy clean position, with automatic reset to egress operation on closing (345mm version)
- High security and excellent compression achieved by unique patented hinge geometry
- Superior carrying weight – maximum 40kg load (345mm version) or 33kg load (220mm version)
- Ideal when triple glazing is used
- Guarantee* - 10 years mechanical



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TECHNICAL SPECIFICATION

Product Material Specifications:

- Stainless Steel parts – Grade 430
- Plastics parts – GF Nylon



Testing:

- Tested to BS EN 1670 and has exceeded Grade 5 classification for ultimate corrosion resistance
- Tested to EN1191 over 25,000 cycles under 40kg operational load (345mm version) and 33kg operational load (220mm version)
- Tested to PAS 24 security test as part of a window system

Recommendations:

- Immobiliser to be fitted to easy clean feature on sash widths above 600mm

Sizes and Loads:

Length of hinge	<ul style="list-style-type: none">• 345mm - egress/easy clean operation• 220mm - fixed egress/non easy clean
Maximum sash weight	<ul style="list-style-type: none">• 40kg (345mm version)• 33kg (220mm version)
Maximum frame width	<ul style="list-style-type: none">• 345mm version - 900mm (immobiliser of easy clean recommended on wide sashes)• 220mm version - 600mm
Full opening	<ul style="list-style-type: none">• 90°
Stack heights available	<ul style="list-style-type: none">• 13.5mm and 16.5mm

Carton Quantity:

25 pairs



* Guarantee subject to correct installation and maintenance

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