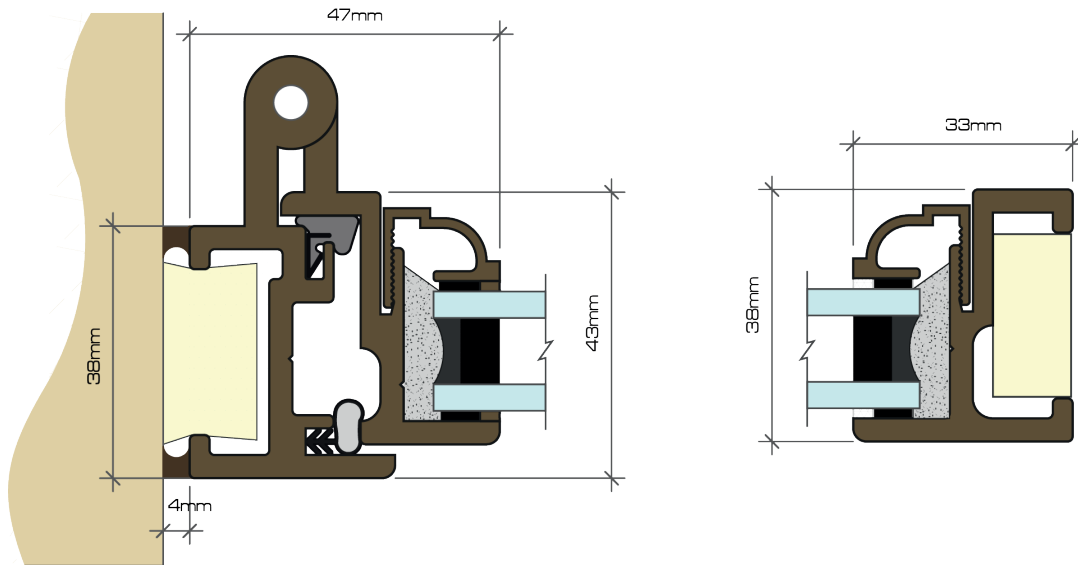


# architectural BRONZE CASEMENTS

## ADVANCED INWARD SYSTEM DATA SHEET

The Advanced Inward System is a solid metal casement inspired by the continental preference for inward opening windows, allowing for the use of exterior shutters and improved access for cleaning and maintenance, whilst retaining the fine sightline of our Advanced window system. The frame incorporates double weather seals and integral drainage and is designed to take 18mm Krypton filled double glazed units. In most cases windows can be installed and glazed from inside the property. A range of decorative ironmongery compliments the handcrafted, bespoke nature of the product.



### DIMENSIONS

Frame depth	38mm
Fixed light sightline (internal)	33mm
Opening casement sightline (internal)	47mm

### FEATURES

Suitable for side hung casements and fixed lights.  
 Optional glaze bar detail for traditional Georgian panes.  
 Fine sightlines  
 Internally glazed  
 Equal leg for flush reveal fitting  
 Contemporary and traditional bead options

### STRENGTH, WIND, WATER AND SECURITY

Untested

### RECOMMENDED DESIGN LIMITS

Side hung casement	Max O/A width	650mm
	Min O/A width	300mm
	Max O/A height	1700mm

Area of side hung casement must not exceed 1.105m<sup>2</sup>. Casements over 1100mm high will require 2 handles.

Fixed lights	Max O/A width	1200mm
	Max O/A height	2400mm

The inclusion of glazing bars, opaque glazing and abutment details may alter performance data and design limits. Please contact our sales team to discuss any requirements outside of the standard size limits detailed above.

### U-VALUE

(PENDING RATIFICATION)

U-value performance based on an 18mm double glazed unit made up of 4mm float/10mm 90% Krypton filled cavity/4mm Planitherm total + with warm edge spacer:

Fixed casement overall value	1.8W/m <sup>2</sup> K
Opening casement overall value	2.0W/m <sup>2</sup> K
Centre pane value	1.1W/m <sup>2</sup> K

When incorporating a genuine Georgian bar add 0.4 to the U-value.

U-values calculated in accordance with BS EN ISO 10077-1:2006 based upon a single fixed light sample 1230mm x 1480mm and a single opening light sample 1230mm x 1480mm. Inclusion of glaze bars will affect performance.

Worst case system value 2.4W/m<sup>2</sup>K based upon single opening equal leg casement 1230mm x 1480mm with glaze bar.