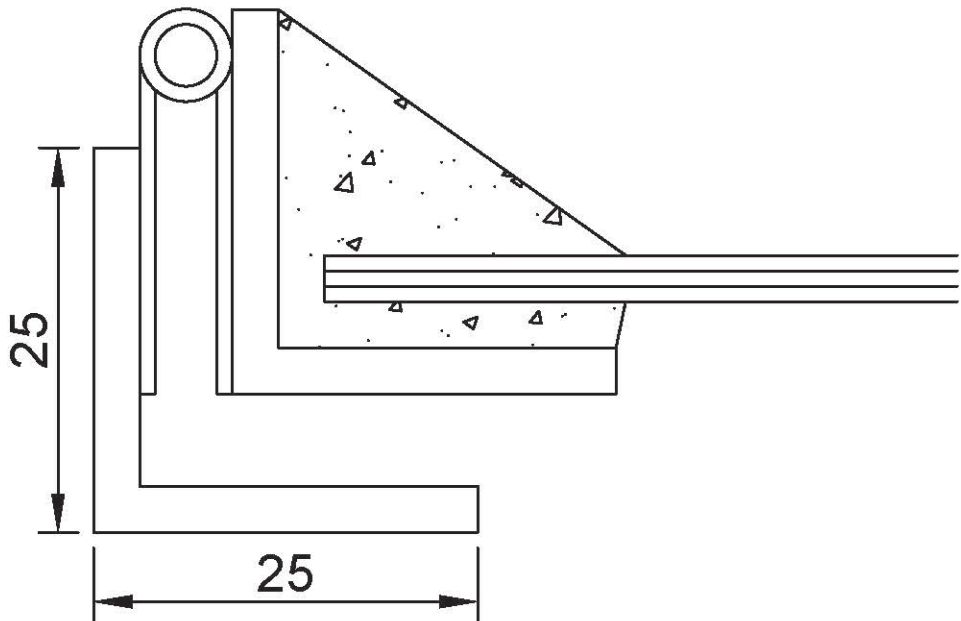


PROPOSED METAL CASEMENT WINDOWS TO ATTIC GABLE WINDOWS

CASEMENT WINDOWS TO BE EITHER COTSWOLD CASEMENT STEEL WINDOWS  
OR  
ARCHITECTURAL BRONZE CASEMENTS

Drawing no. EV 13\_2016\_A



THE COTSWOLD  
CASEMENT Co.

Craftsmen Window Makers since 1888

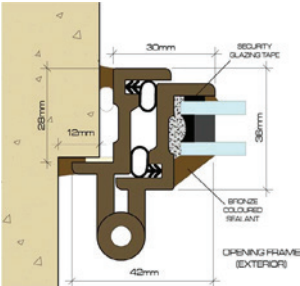
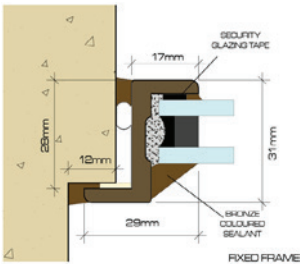
COTSWOLD BUSINESS VILLAGE  
LONDON ROAD  
ROBERTON-IN-MARSH,  
GLouc. GL40 6TQ  
TEL: 01608 660600  
FAX: 01608 661000



architectural  
BRONZE CASEMENTS

HERITAGE SYSTEM DATA SHEET

The Heritage System is a traditional solid metal casement providing the look of putty glazed casements. It is most suited to heritage properties, where fine sightlines and traditional aesthetics are a consideration. The frame incorporates double weather seals and will accept single glazing or up to 16mm double glazed units, providing much improved energy and weather performance over traditional alternatives. Our most suitable system for achieving curved or shaped casements to your specification.



DIMENSIONS	
Frame depth	31mm
Fixed light sightline (internal)	17mm
Opening casement sightline (internal)	30mm

FEATURES
Suitable for side and top hung casements and fixed lights.
Optional glaze bar detail for traditional Georgian panes.
Optional trickle ventilation.
Can achieve a tight radius for shaped work.

STRENGTH, WIND, WATER AND SECURITY			
The tests below are carried out on side-hung outward opening windows measuring 1645mm x 600mm and are tested excluding any additional security features.			
BS 6375 Part 1: 1989 Exposure categories measured in pascals			
Wind	Water	Air	Exposure Category
2000 Pa	200 Pa	600 Pa	2000 Special
BS 6375 Part 2: 1987 Operational and strength characteristics   Pass			
BS 7950: 1997 Enhanced security performance   Pass			

RECOMMENDED DESIGN LIMITS		
Side hung casement	Max O/A width	650mm
	Min O/A width	200mm
	Max O/A height	1700mm
Area of side hung casement must not exceed 1m². Casements over 1100mm high will require 2 handles. Where width is greater than height, casement sash must be top hung.		
Top hung casement	Max O/A width	1200mm
	Min O/A width	300mm
	Max O/A height	500mm
	Min O/A height	300mm
Fixed lights	Max O/A width	1200mm
	Max O/A height	2400mm
The inclusion of glazing bars, trickle ventilation, 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 a 16mm double glazed unit made up of 4mm float/8mm 90% Krypton filled cavity/4mm Planitherm total + with warm edge spacer:		
Fixed casement overall value		1.7W/m²K
Opening casement overall value		1.9W/m²K
Centre pane value		1.2W/m²K
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, trickle ventilation or equal leg will affect performance. Worst case system value 2.5W/m²K based upon single opening equal leg casement 1230mm x 1480mm with glaze bar and trickle ventilation.		

Heritage System Performance	Date: 06.01.2016	BR-IS25 RevD
Head Office: Architectural Bronze Ltd. Belton Park, Loundthorpe Road, Grantham, Lincolnshire, NG31 9SJ	Tel: 0845 6000 660 Fax: +44 (0)1476 578555 www.bronzecasements.com	