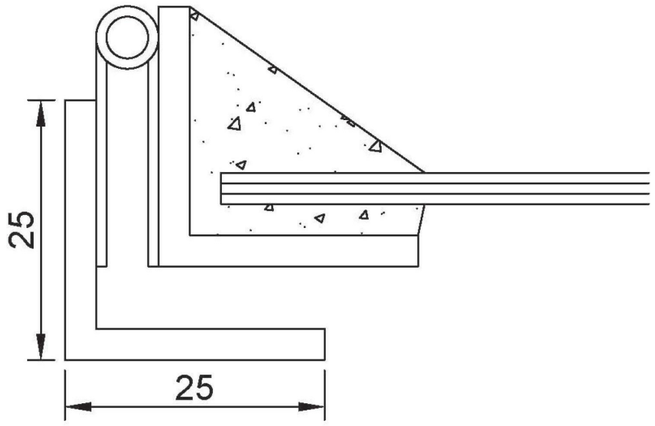


THE COTSWOLD
CASEMENT Co.
Craftsmen Window Makers since 1888

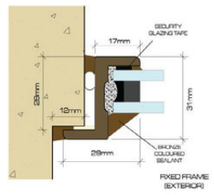
COTSWOLD BUSINESS VILLAGE
LONDON ROAD
MORETON-IN-MARSH,
GLOS. GL56 0JQ

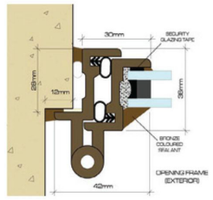
TEL: 01608 650049
FAX: 01608 651069

a r c h i t e c t u r a l
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, Londonthorpe Road, Grantham, Lincolnshire, NG31 9SJ
Tel: 0845 6000 660 Fax: +44 (0)1476 578555
www.bronzecasements.com

Rev	Date	Drawn	Description

ctd architects
Clerk Bank House
Clerk Bank
LEEK
Staffordshire
ST13 5HE
t : 01538 373477
f : 01538 386503
e : info@ctdarchitects.co.uk
w : www.ctdarchitects.co.uk

ctd architects © 2021
- This drawing is copyright.
- All dimensions to be checked on site before proceeding.
- Contractor must notify the architect of any discrepancies before proceeding.
- Contractor to check/adjust dimensions of new work to suit existing conditions. Do not assume existing structure or details are plumb, square or level.
- All drawings to be read in conjunction with all other consultants drawings and specs.

Client
Emma Nowill

Project
Proposed alterations & rear / side extension
62 Brookfields Rd, Ipstones, Stoke-on-Trent ST10 2LY

Scale | Size A3 | Drawn KJH | Chk'd CH | Date 22/12/07

Status CONDITION DISCHARGE

Title
New metal framed casement window to proposed W.1.4

Job No. 2149 | Drawing No AL028 | Rev.