

# CONTEMPORARY CASEMENT WINDOWS

Ideally suited to new build and modern properties, our Contemporary casement windows are fully compliant with current Part L Building Regulations and are 'A - C' rated for energy-efficiency.

The Contemporary casement window opens outwards and offers a square profile to produce sharper and crisper sightlines. Available with a Secured by Design option at additional cost.



## TIMBER

Standard Specification: Laminated larch, knot-free engineered (clear grade) timber from sustainable sources and complies with BS EN 942 2000. Hardwood cill sections.

Options: ■ Various timber options available, please call Sales for details.

## WER (Window Energy Ratings) British Standard Institute (BSI)

Standard Specification: Band 'A' WER - U-value 1.4 W/m<sup>2</sup>.K

Options: ■ Band 'A' - U-value 1.4 W/m<sup>2</sup>.K  
 ■ Band 'C' - U-value 1.5 W/m<sup>2</sup>.K - laminated glass option Secured by Design

## FRAME

Standard Specification: 68mm Jambes & Head with 68mm cill and 60mm projecting cill (153mm overall).

Options: ■ Frame - 56mm Jambes & 68mm Head.  
 ■ Frame - 92mm Jambes & Head.  
 Cill Projections: ■ Projecting cill - 35mm (128mm overall), 60mm (153mm overall) or 85mm (178mm overall).  
 Sash Profile & Glazing Bars: ■ 22mm Square glazing bar.

## GLASS

Standard Specification: Tough/Tough, 4/14/4 argon filled with low E coating 1.4 W/m<sup>2</sup>.K. Integral spacer between glazing bars. U-value is with reference to industry standard test size of 1230 x 1480. U-values will improve for larger frames. Kitemark will be apparent on glass in accordance with Building Regulations.

Standard Acoustic Specification: rw (C:Ctr) 36db (-2;6)

Options: ■ Laminated glass (reduces WER rating).  
 ■ Acoustic sound control glass in standard frame rw (C:Ctr) 40db (-2;-5).  
 ■ Obscure glass - see page 47.

Standard Specification: White spacer (Some colour variations may be apparent between perimeter spacer and integral spacer due to different material).

Spacer Options: ■ Black spacer. (Black standard with stained or coloured finish.)

## IRONMONGERY

Standard Specification: Satin key locking handle and concealed friction hinges.

Options: ■ Ironmongery finish - brass, satin chrome or polished chrome.  
 ■ 60° Restrictor hinge securing 100mm aperture to act as a child restrictor. Push button release.  
 ■ 90° Egress hinge for escape, release to allow easy clean facility.  
 ■ Butt hinges - white, black, brown, brass, satin chrome or polished chrome.  
 ■ Top hung fully reversible friction hinges.  
 ■ Ferritic or austenitic hinge finish. Austenitic not available in the egress option.  
 ■ Secured by Design with laminated glass or enhanced security without.

## PAINT

Standard Specification: 3 coat white full finish.

Options: ■ RAL colour from M&W selected colour range.  
 ■ Stain finish from M&W selected colour range. - see website or see page 47.

## PERFORMANCE DATA

Standard Specification: BS6375 Parts 1 & 2.  
 Standard Specification: EN 1026:2000 air permeability Class 4.  
 Standard Specification: EN 1027:2000 water tightness Class 9A.  
 Standard Specification: EN 12211:2000 wind Class C5.

Options: BS7950 Secured by Design



## TRICKLE VENTILATION

Standard Specification: 4600mm<sup>2</sup> (equivalent air flow).  
 Acoustic D n,e,w (+/-) vent open 31db (0;1).  
 Vent closed 40db (-1;1).  
 White internal vent and external canopy.

Options: ■ Brown internal vent and external canopy.  
 ■ Concealed vent - lowered head liner with concealed external vent negates need for external canopy. Ask for detail.  
 ■ No vent.

## SIZES

Made to order.

Options: ■ No pre-designated sizes due to options available.  
 Please note options - possible extended lead times and at additional cost.