



FEATURES

Framing

- choice of two outer frame sizes (52mm and 70mm)
- choice of three transom/mullion sizes (68mm, 88mm 110mm)
- standard slimline sash

Seals/Gaskets

- main profiles supplied with high-performance integral multifunctional seal/gasket

Reinforcing

- galvanised steel profiles optimised for strength and secure hardware attachment

Window styles

- top hung, side hung and fixed light frames
- multilights combining above elements
- 'T' or cruciform transom/mullion joints
- coupled flat and bay/bow window styles

Fabrication

- fully welded construction

Glazing

- choice of four glazing bead styles
- accepts units up to 41mm thick
- Georgian bar and leaded light options

Ancillaries

- frame extensions, cills and weathering trims
- lightweight and structural coupling members
- standard and structural bay corner posts
- window boards, reveal liners and finishing trims

Hardware

- will accept all popular hardware
- full depth Eurogroove
- secure location of hardware

Ventilation

- proprietary ventilation devices can be fitted to 2500 chamfered casement windows in compliance with Building Regulations

Fixing

- fixing can be achieved through the frame with bespoke fixing lugs or into proprietary cavity closers/sub-frame systems
- fixing methods exist for timber framing, flush or check reveals

TEST RESULTS

Frame type	Maximum size tested	Air # permeability	Water # tightness	Exposure category	Accreditation
single top hung light with local reinforcement to outer frame and fully reinforced sash	1200(w) x 1200(h)mm	Class 4 (600Pa achieved)	Class 8A (600Pa achieved)	Class E 2400Pa	BS 7412:2007 & BBA assessed
single side hung light with local reinforcement to outer frame and reinforced sash verticals	700(w) x 1400(h)mm	Class 4 (600Pa achieved)	Class E1000 (1000Pa achieved)	Class E 2400Pa	BS 7412:2007 & BBA assessed
single fixed light	2000(w) x 2000(h)mm max. perimeter = 8000mm	Class 4 (600Pa achieved)	Class E1000 (1000Pa achieved)	Class E 2400Pa	BS 7412:2007 & BBA assessed
multilight windows with reinforced transom/mullion	2400(w) x 2400(h)mm max. perimeter = 7600mm max. transom/mullion span = 1450mm	Class 4 (600Pa achieved)	Class E1000 (1000Pa achieved)	Class 4A 1600Pa	BS 7412:2007 & BBA assessed

Maximum sizes

- maximum sizes must also be within the range recommended by the manufacturer of the hardware selected

Accreditation

- 2500 chamfered has been independently assessed by a number of national and internationally recognised testing bodies

- all frame members are kitemarked under BS EN 12608:2003
- 2500 chamfered casement windows have been assessed to BS 7412:2007 and BS 6375-1:2004 standards and have achieved the results indicated above
- for guidance on high-performance applications, please contact the Deceuninck Technical Department

PERFORMANCE

Security

- the window has been assessed to BS 7950:1997 (specification for enhanced security performance of casement windows)

Thermal insulation

- whole window 'U' values comply with Approved Document L of the Building Regulations
- lower 'U' values can be achieved
- window energy ratings A to E obtained
- for further details contact the Deceuninck Technical Department

Acoustic values

- independent acoustic tests have been conducted on 2500 chamfered products providing R_w (C;Ctr) results in the range 32 – 43 dB from a variety of framing and glazing selections submitted

2500 chamfered GENERAL FEATURES

For full details of deceuninck window system features and benefits, refer to pages 10-19

Simplicity

- fully compatible with all standard hardware
- clip-fit detail ensures positive fixing of accessories

Inspired design

- symmetrical profile concept gives balanced aesthetics
- unique modern shape complements classical and contemporary architecture
- personalisation with glazing bead and sash options
- white colour is RAL 9016
- lamination in rosewood and golden oak options

Weather performance

- high-performance sealing concept

Insulation

- glazing up to 41mm

Security

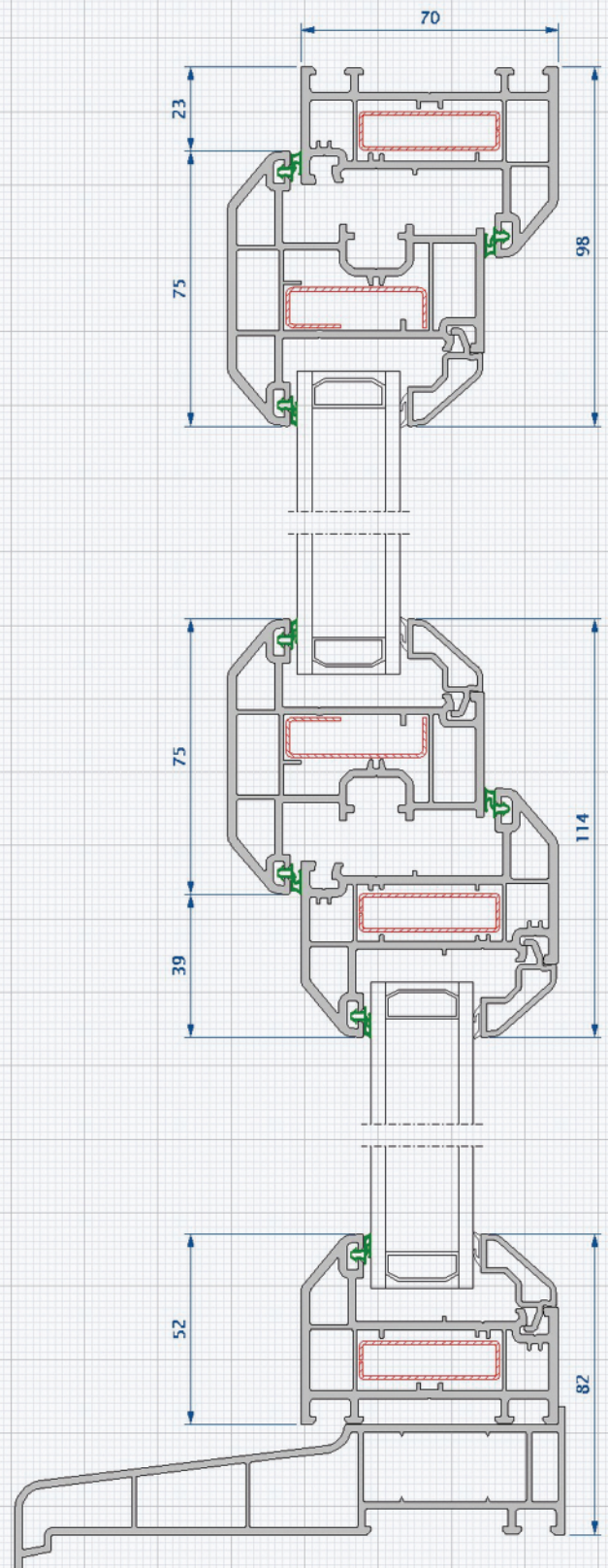
- rebate detail makes striker plates less accessible
- 20mm rebate maximises glazing and sash overlaps
- hardware can fix directly to reinforcement

Environment

- PVC-U can be 100% recycled (see page 5 for more information on Deceuninck's commitment to the environment)



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Scale 1:2 2500 chamfered internally glazed casement window profile section