



Door options

- single doors open in or open out
- fanlights and sidelight frames
- options for transoms and mullions
- designed for use with entrance units and conservatories

Fabrication

- fully welded construction
- option for mechanically jointed transom and mullions

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
- reveal liners and finishing trims

Hardware

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

Ventilation

- proprietary ventilation devices can be fitted to 2500 chamfered doors and sidelights 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

Low threshold

- see page 61 for details of the Deceuninck low threshold system.

FEATURES

Framing

- standard outer frame, with low threshold option
- dedicated sashes for inward and outward opening doors
- choice of three transom/mullion sizes (68mm, 88mm and 110mm)

Seals/Gaskets

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

Reinforcing

- galvanised steel profiles optimised for strength and secure hardware attachment

TEST RESULTS

Frame type	Maximum size tested	Air # permeability	Water # tightness	Exposure category	Accreditation
single hinged door with 110mm midrail (open-in or open-out)	1000(w) x 2100(h)mm	–	–	1200 Class A3	PAS 23-1:1999
single fixed light with 110mm midrail	1000(w) x 2100(h)mm	–	–	1200 Class A3	PAS 23-1:1999
single hinged door and sidelight with 110mm midrail (open-in or open-out)	2000(w) x 2100(h)mm	Class 3	open-in Class 7A open-out E1000	1200 Class A3	PAS 23-1:1999

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 single doors and sidelights have been assessed to PAS23-1:1999 standards and have achieved the results indicated above
- for guidance on high-performance applications, please contact the Deceuninck Technical Department

PERFORMANCE

Security

- internally glazed as standard, the door will accept enhanced security glazing options
- single doors and coupled sidelights have been assessed to PAS 24-1:1999 (enhanced security standard)

Thermal insulation

- whole door 'U' values comply with Approved Document L of the Building Regulations
- lower 'U' values can be achieved
- for door energy rating details contact the Deceuninck Technical Department

Acoustic values

- independent acoustic tests have been conducted on 2500 chamfered products providing Rw (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

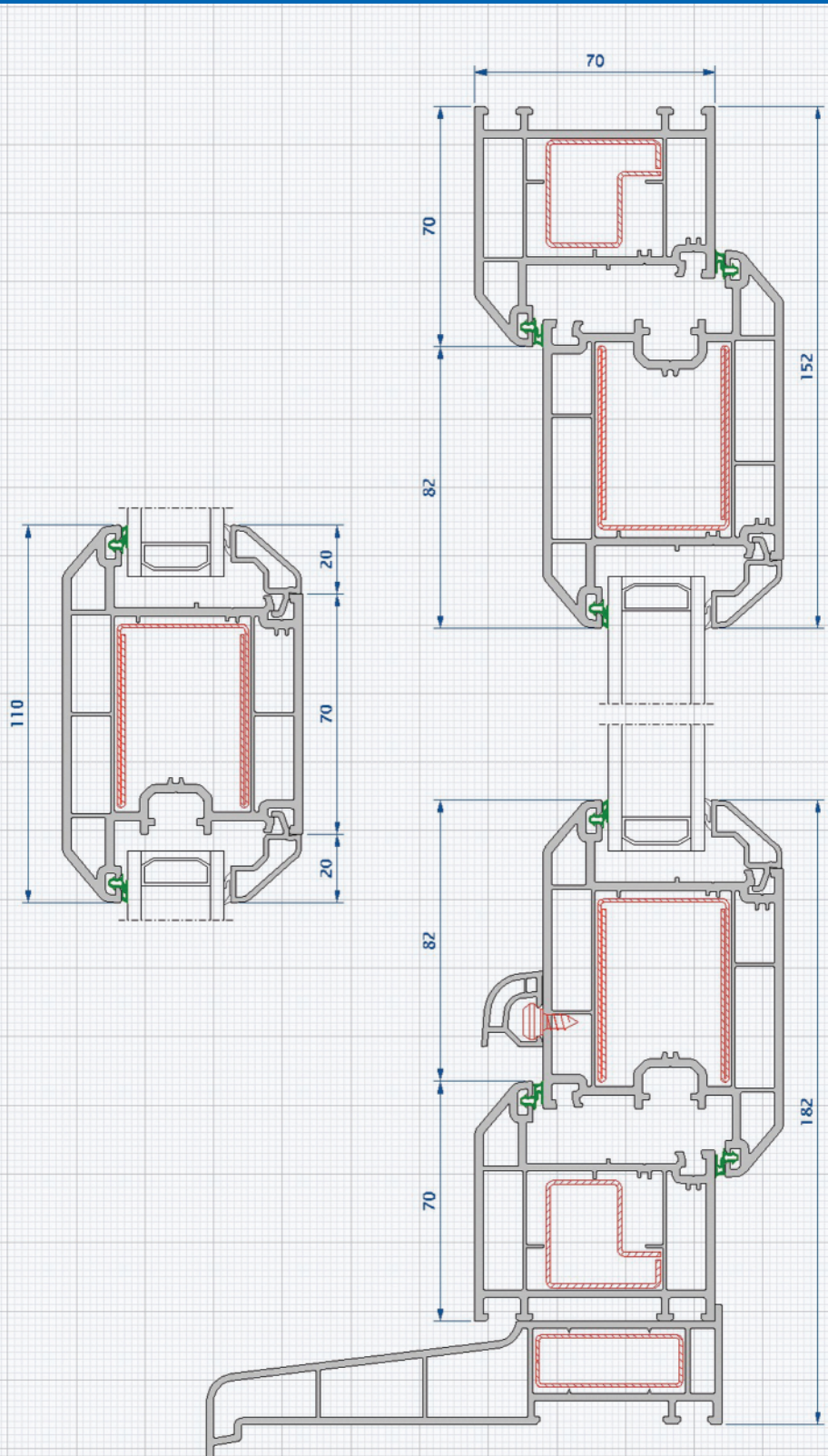
- rebate detail makes striker plates less accessible
- 20mm rebate maximises glazing and sash overlaps
- hardware can fix directly to reinforcement

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 single hinged residential door profile section