



## FEATURES

### Framing

- choice of two outer frame sizes (54mm and 70mm)
- choice of three transom/mullion sizes (70mm, 94mm and 110mm)
- standard and heavy duty sash options

### 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

- tilt before turn, turn before tilt 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 three 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

- system accepts all popular hardware, including concealed hinge types
- full depth Eurogroove provides option for full perimeter locking
- secure location of hardware

### Ventilation

- proprietary ventilation devices can be fitted to tilt and turn 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 tilt and turn sash with fully reinforced sash	1200(w) x 1350(h)mm	Class 4 (600Pa achieved)	Class 6A (250Pa achieved)	Class 4 1600Pa	BS 7412:2007 special
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
multi-light windows with reinforced transom/mullion	3000(w) x 3000(h)mm max. perimeter = 9000mm max.transom/mullion span = 1500mm	Class 4 (600Pa achieved)	Class 6A (250Pa achieved)	Class 4 1600Pa	BS 7412:2007

### Maximum sizes

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

### Accreditation

- 3000 zendow has been independently assessed by a number of national and internationally recognised testing bodies

- all frame members are kitemarked under BS EN 12608:2003
- 3000 zendow tilt and turn windows have been assessed to BS 7412:2007/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

- internally glazed as standard, the window will accept enhanced security glazing options
- full perimeter locking options

### Thermal insulation

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

### Acoustic values

- independent acoustic tests have been conducted on **3000 zendow** products providing  $R_w$  (C;Ctr) results in the range 32 – 43 dB from a variety of framing and glazing selections submitted

## 3000 zendow 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 options
- white colour is RAL 9016
- lamination in rosewood and golden oak options

### Weather performance

- high-performance sealing concept
- high-performance drainage concept

### Insulation

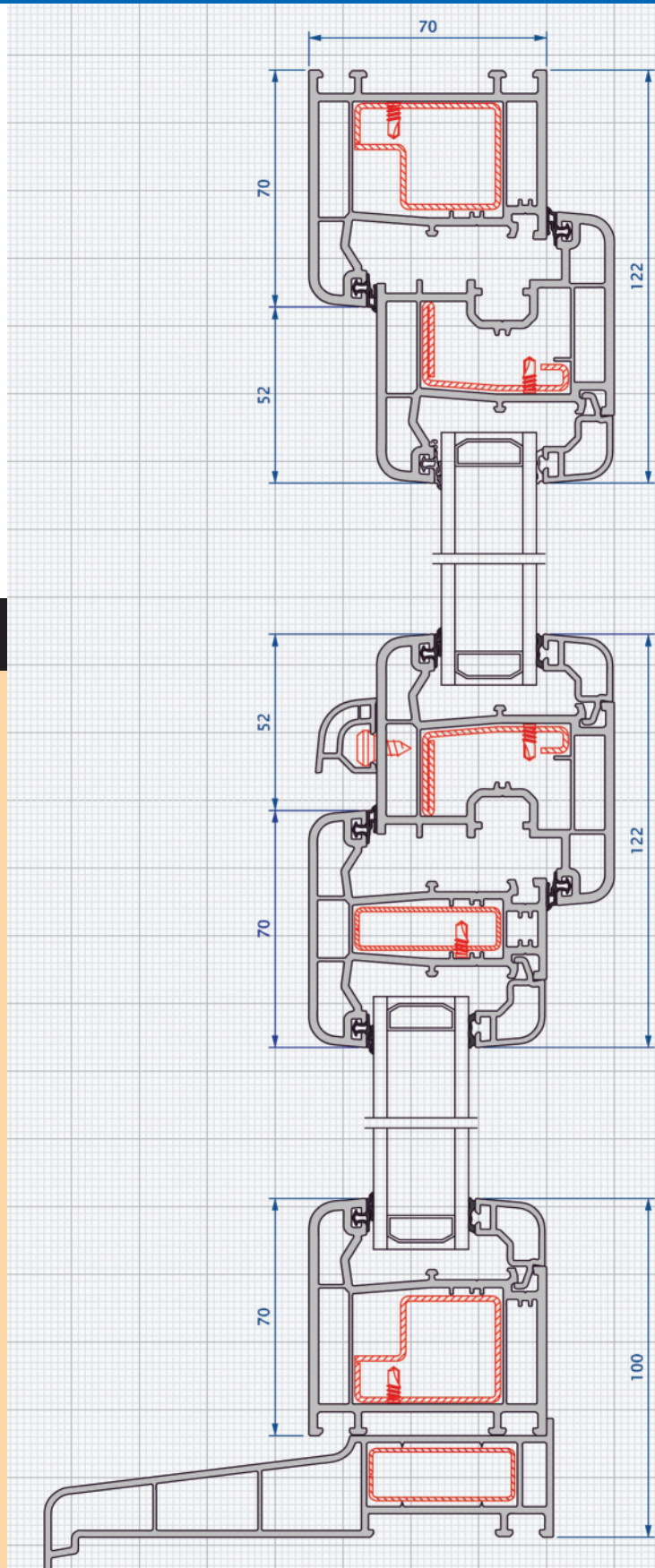
- anticipates future thermal requirements
- glazing up to 41mm

### 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)



Scale 1:2 3000 zendow tilt and turn window profile section