

Flush Door - PVCu

Features

Frame Offering

- < 68mm outer frame
- < 85mm sash with concealed hardware and gearing design
- < PVCu rebate for Master door leaf.

Thresholds

- < Choice of aluminium thresholds 52mm and 30mm heights along with 15mm x 160mm, 25 x 150 aluminium sills, and 150mm and 180mm sub-sill
- < 30mm threshold includes ramp options for disability access.

Weatherseals

- < A range of woolpile and high performance Q-Lon gaskets to suit all door combinations.

Styles

- < Single and French/Double-Door styles
- < Maximum sash width up to 1200mm wide and door heights of 2420mm.

Construction

- < Choice of welded and mechanical outerframe joints for kit fabrication
- < Steel reinforcement.

Glazing

- < 28mm and 36mm bead options.

Ancillaries

- < Comprehensive range of add-ons, couplers, corner posts, bay poles available to suit any installation.

Hardware

- < Secured by Design and Part Q specification available.
- < Multi-point shootbolt locking.

Ventilation

- < Proprietary ventilation devices can be used on all designs
- < A range of head details available including large outer frame, head extension and dedicated one piece head vent (see cavity closer for further details).



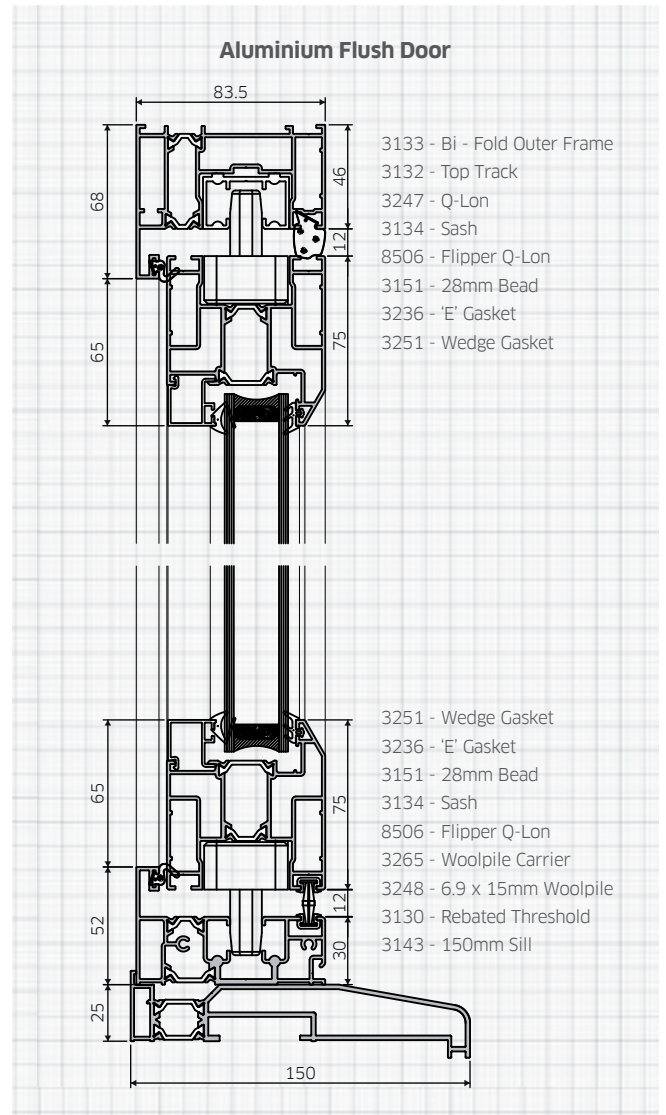
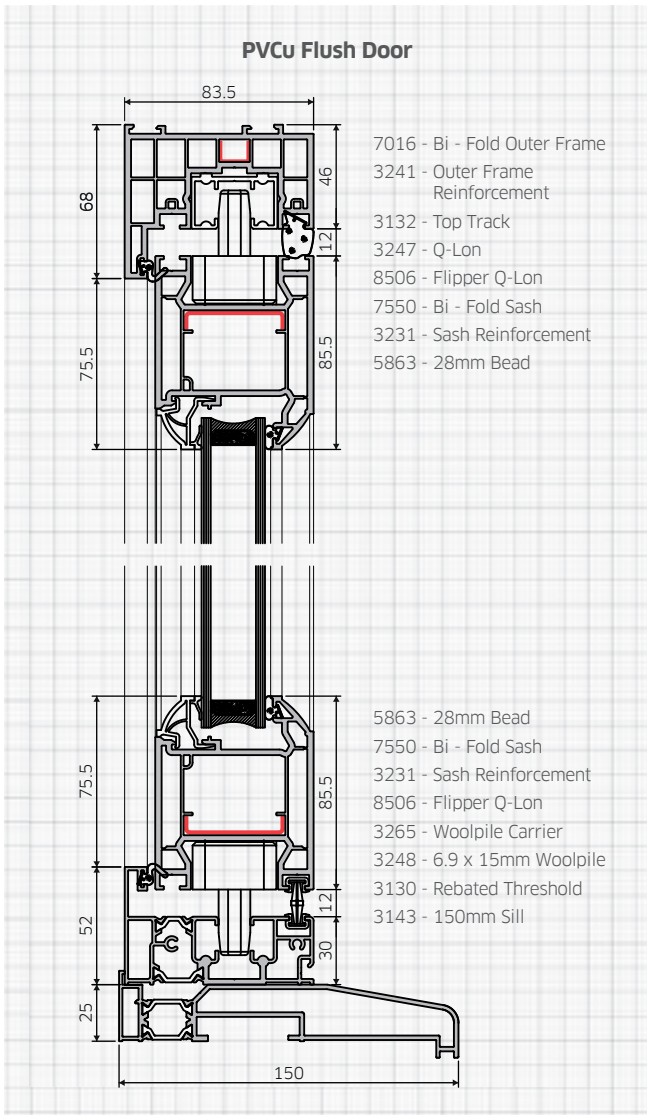
Performance

Security

- < Hardware is a cassette design system which incorporates all the various locking systems to suit door opening sequences. The cassette system means the locks are housed in aluminium extrusions for added strength and ease of installation
- < Available to achieve Secured by Design status.

Thermal

- < A number of simulations have been carried out by 'approved' simulators at Duraflex providing a range of DER's for Doors following the introduction of doors to the Energy scheme in December 2011
- < 'U' value simulations have been carried out to ensure the revised Building Regulations of October 1st 2010 requiring a minimum 'U' value of 1.8 W/m²K (1.6 W/m²K in Scotland). Further detailed simulations are being carried out and added to our already comprehensive portfolio.



General Features

- < **Q-Lon** - 99% compression recovery, high performance acoustic and weather sealing properties with lifetime guarantee. Operates perfectly in temperatures ranging from -20°C to 70°C
- < **Lead Free** - environmentally friendly, calcium organic lead free formulation
- < **Finishes** - comprehensive range of natural wood and solid colour foils
- < **Structural** - comprehensive range of coupling sections to suit various applications
- < **Frame Cover** - 10mm cover all round enhances weather performance and makes installation much easier.

Aluminium Flush Door

The Flush Residential and Double Door is also available in Aluminium. For configuration options and full specification details please contact Technical Support on: 08704 444663.