

PRODUCT RANGE - RESIDENTIAL DOOR

FEATURES

FRAME OFFERING

- Dedicated 68mm outerframe with options of 46mm for low PVC-u threshold.
- Choice of 3 transom heights - 63mm, 72mm and 86mm.
- Choice of open in and open out sashes.
- Available fully featured or bevelled.
- Available fully welded or mechanically jointed transoms.
- Choice of 2 aluminium low thresholds, disability at 15mm high and refurb with access ramps at 24mm high.

WEATHERSEALS

- High performance Q-Lon gasket supplied in all mainframe sections.

REINFORCING

- Galvanised steel range to suit topography requirements.
- Galvanised steel lock prep steel.
- Aluminium range for mechanical joints.
- All reinforcements are designed to achieve required security and weathering requirements.

GLAZING

- Choice of 3 glazing thicknesses - 24mm, 28mm double glazed units and 36mm triple glazed.

TEST RESULTS

Frame Type	Size	Air Permeability	Water Tightness	Wind Resistance	Standard	Accreditation Body
single door, open in, int glazed, glass/glass	1050 x 2150	300Pa	200Pa	1200Pa	BS6375-1:2004 PAS23	BSI
single door, open in, int glazed, glass/panel	1050 x 2150	300Pa	200Pa	1600Pa	BS6375-1:2004	BSI
single door, open out int glazed glass/glass	950 x 2100	600Pa	200Pa		PAS23	BSI
single, open in, int glazed, coupled sidelight, glass/glass	1500 x 2150	450Pa	300Pa	1600Pa	BS6375-1:2004	BSI
single, open out, int glazed, coupled sidelight, glass/panel	1500 x 2150	300Pa	300Pa	1600Pa	BS6375-1:2004	BSI

- Astrical, Georgian bars in 20mm and 28mm widths.

ANCILLARIES

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

HARDWARE

- Fully depth eurogroove, accept comprehensive range of multi-point locks.
- Range of knuckle, rebate and flag hinges available.

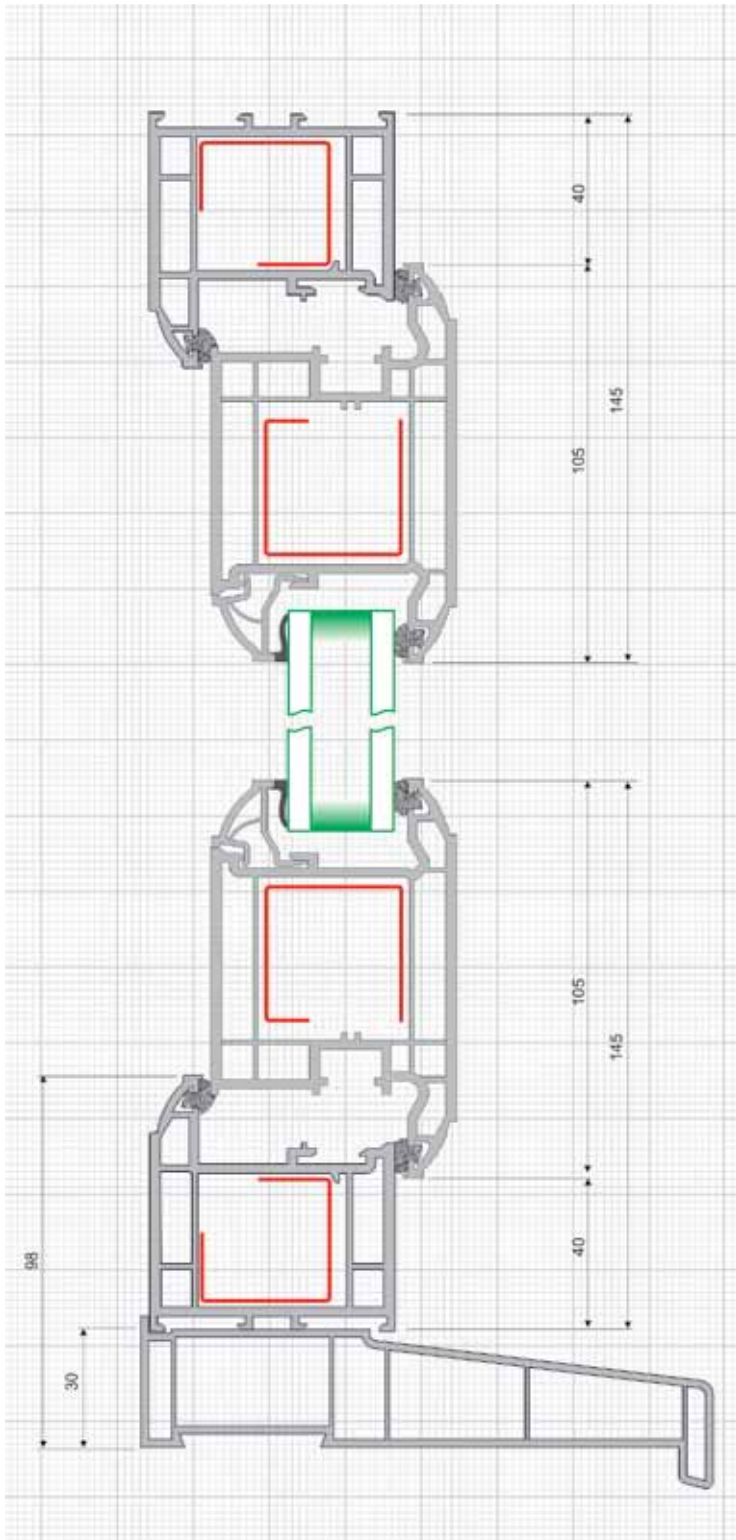
VENTILATION

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

PERFORMANCE

SECURITY

- Choice of multi-point high security locks along with pencil, rebate and flag hinge options.
- Available to achieve Secured By Design status.



Scale 1:2

THERMAL/ACOUSTIC

- No Energy Rating system exists currently for doors (May 2011) although a scheme is expected to be introduced during summer 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) are met. Further detailed simulations are being carried out and added to our already comprehensive portfolio.



GENERAL FEATURES

