



Designer Doors

Overview

- Full aluminium open in entrance door
- Overall uValue 1.8Wm²K (1.1Wm²K centre pane)
- 70mm thermally broken Smart's aluminium
- Mechanically joined system

Weather Performance (BS6375-1)

- BS EN 1026: 2000 Air Permeability: 600 Pa
- BS EN 1027: 2000 Water tightness: 600 Pa
- BS EN 12211: 2000 Resistance to Wind Load: 1200 Pa

Note

The illustrations in this document are an approximate representation of the finished product. E & OE. Sternfenster may alter the specification for practical production purposes where necessary. The colours depicted are for guidance only the displayed colour will depend on your screen/device. Pearl or metallic sheen/sparkle cannot be recreated here. The finished colour may not be as shown here although every effort has been made to display colours accurately. Please refer to a physical Smart swatch for a more accurate depiction.

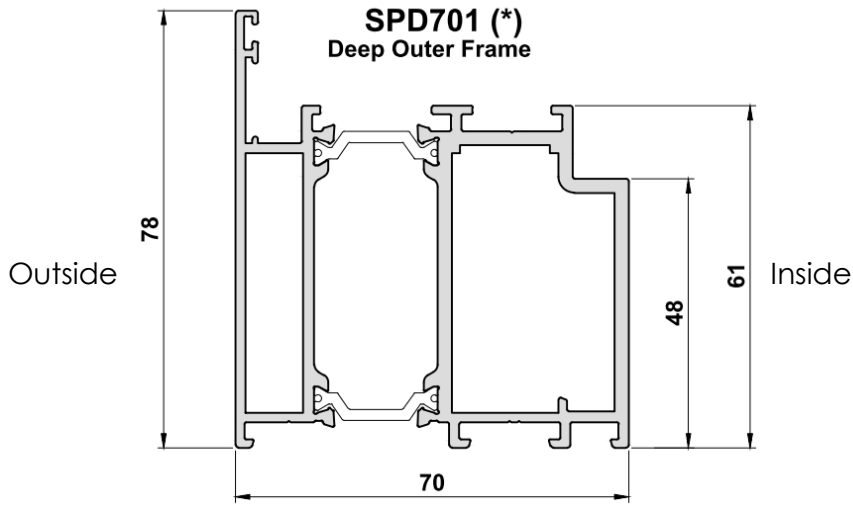
Features and Options

- Outerframe (**SPD701**) 70mm thermally broken with square detail, 78mm face.
- Aluminium door Slab 70mm thickness
- Outerframe and door slab finishes available KL, RAL, Sensation range and dual colour options. Outerframe can be different colour to slab.
- Optional low threshold (**SPD703**) complies with Part M of the building regs when installed as advised
- 53 Designs
- 3 x Offset (2 top & 1 bottom) fully adjustable butt hinges available in black, white, colour matched to frame or to slab
- Option of 10 point locking or slam shut
- Open In only (open out not available)
- Triple glazed units include 6.8mm laminated & toughened Satin (subject to door design)
- Glass centre pane 0.9W/m2k to 1.1Wm2K dependent on design specified
- Glass is available in either as the default Satin or Clear only (subject to door design)
- 150 cills (**ETC157**), cut flush to the frame widths, i.e. no horns (request length if horns are required)
- If head vents are required these will be located in DV515 42mm frame extension
- Side panels / fanlight frames are split & coupled using (**ETC357**)
- Pas24 Enhanced security performance as standard
- Door slabs are polyester powder coated to Qualicoat and EN12206-1 standard
- Enquiries will be quoted first, you will then be sent a detail showing the specification for you to sign before ordering. Once an order is placed changes will not be able to be made nor order cancelled
- Lead time from order is approximately 25 working days subject to your grid day
- All orders are delivered direct from supplier
- Doors including packaging are over 80kg in weight and are therefore a two person lift, ensure you have sufficient labour to take delivery
- The outer packaging will have a copy of the order details attached ensure that these are correct before signing for delivery
- The outer packaging will have a shockDot label, if this has been activated (centre of the dot will be red) and mean that the package has been handled roughly, inform CSD immediately
- On delivery the door must be unpacked and checked for any damage. If any damage is found inform the driver and note it on the delivery note and reject the delivery. Take photos of the damage and forward them to Sternfenster customer services csd@sternfenster.co.uk
- Once the delivery has been signed for Sternfenster cannot accept any responsibility for any damage found at a later stage



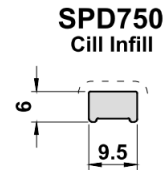
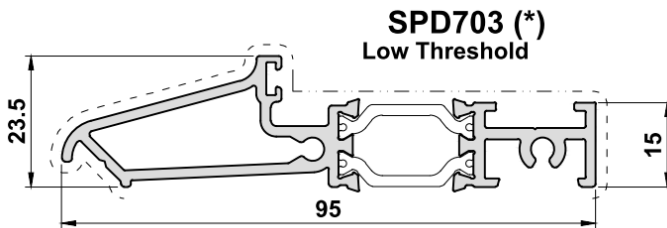
Cross Sectional Drawings

78mm wide outerframe



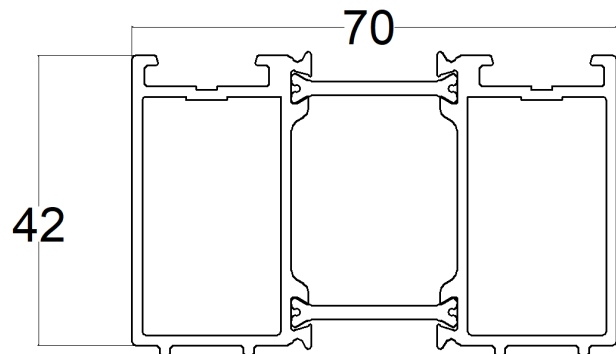
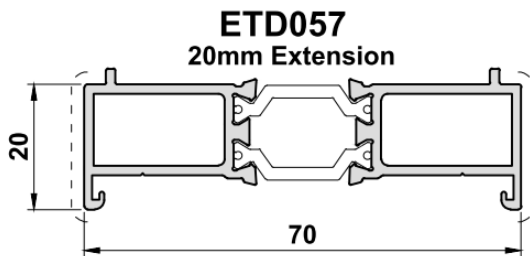
Low aluminium threshold

Cill Infill for Low ali threshold on Cill



ETD057 70 x 20mm
Frame Extension

DV515 70 x 42mm
Frame Extension

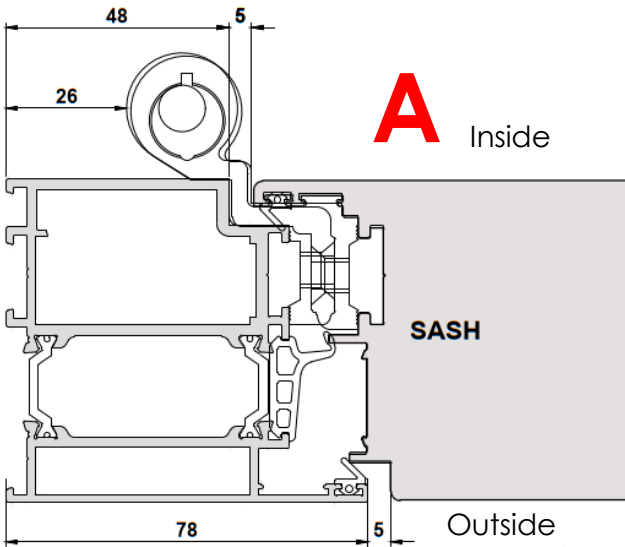


DESIGNER DOOR OVERALL SIZE LIMITATIONS

| Doors | Maximum Width (mm) | Minimum Width (mm) | Maximum Height (mm) | Minimum Height (mm) |
|--------------------|---------------------------|---------------------------|----------------------------|----------------------------|
| Modern | 1200 | 860^(a) | 2400 | 1960^(a) |
| Traditional | 1200 | 880 | 2400 | 2050 |
| Cottage | 1200 | 880 | 2400 | 2050 |
| Vintage | 1200 | 880 | 2400 | 2050 |

Note: a) Size Limit varies based on design.

SPD701 - 78mm Outerframe



Cross section detail of

(A) Hinge side

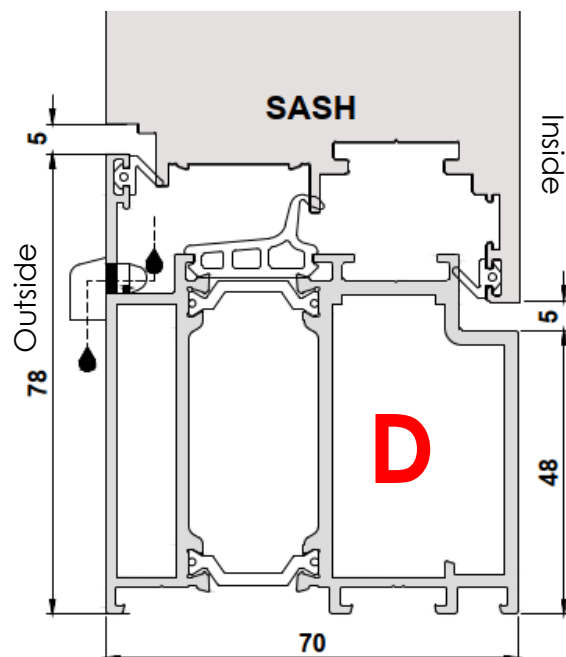
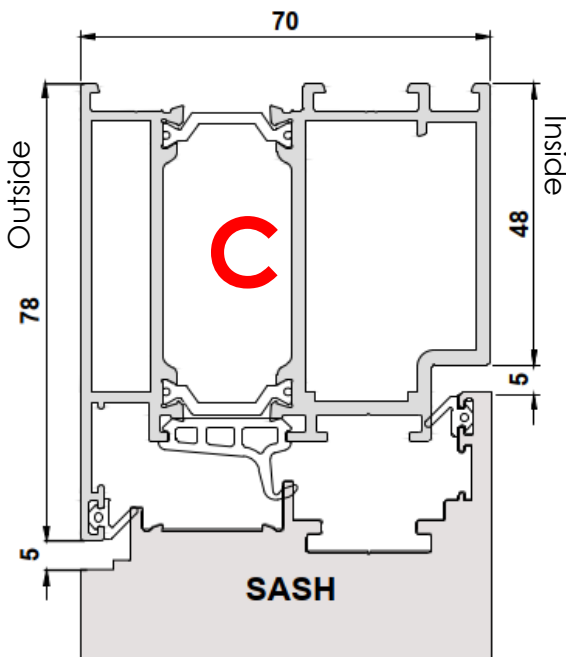
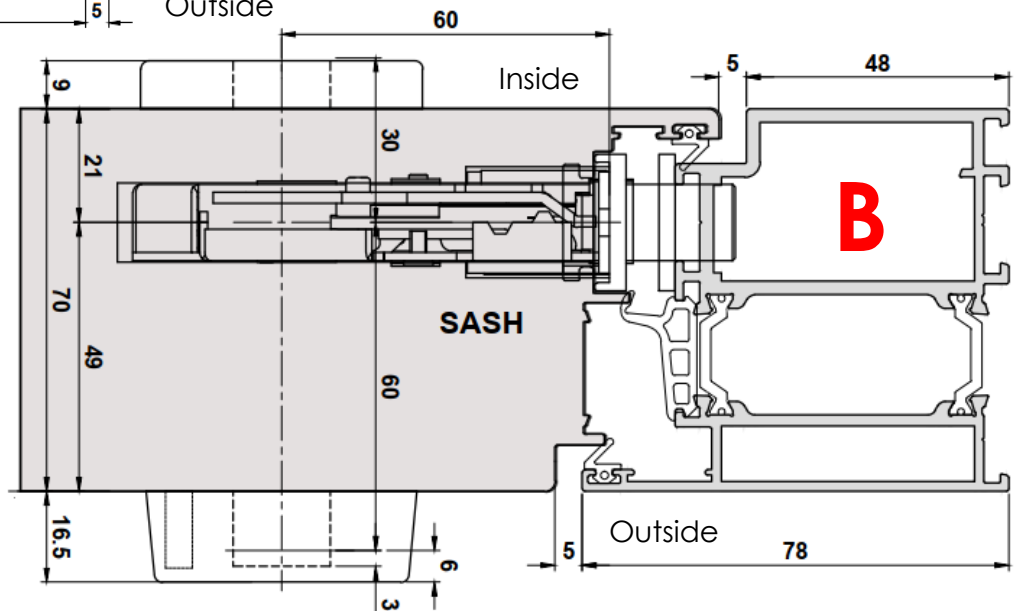
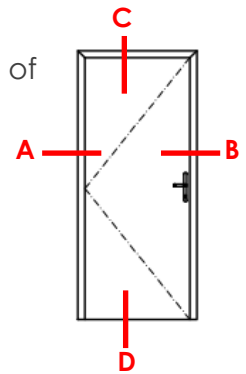
(B) Lock side

(C) Head

(D) Cill

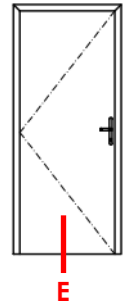
Open In Doors only

Open out **not** available

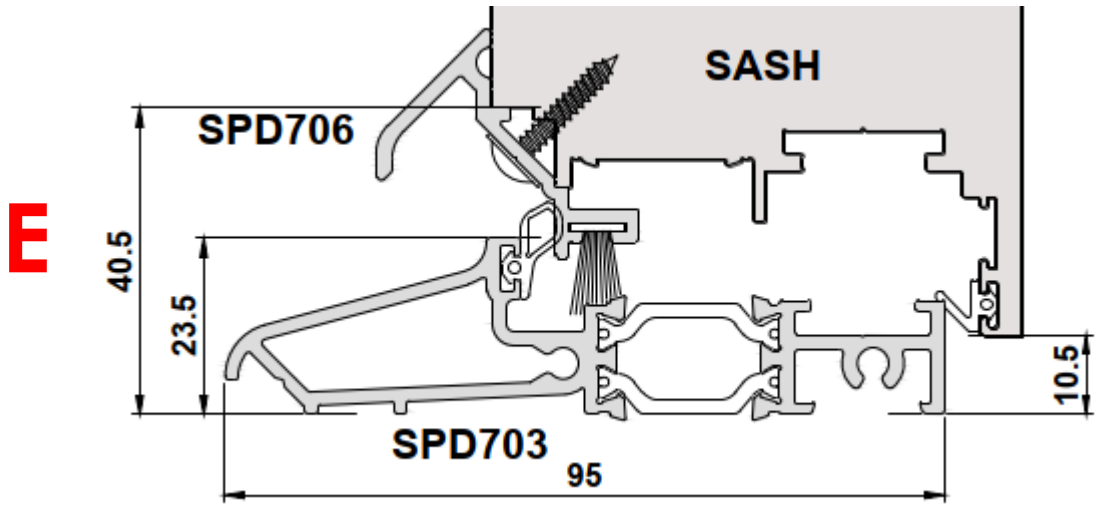
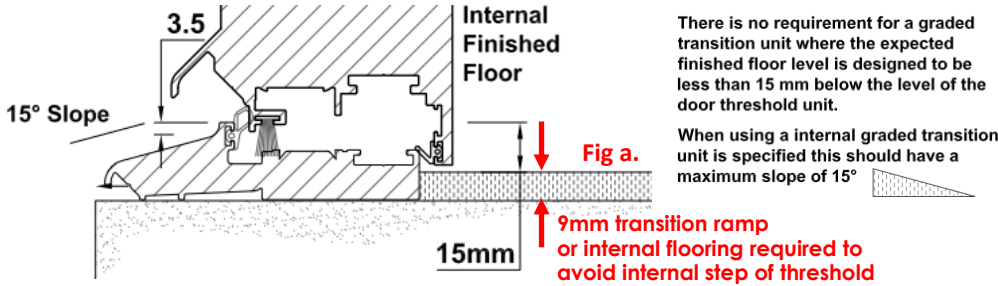


Aluminium low threshold

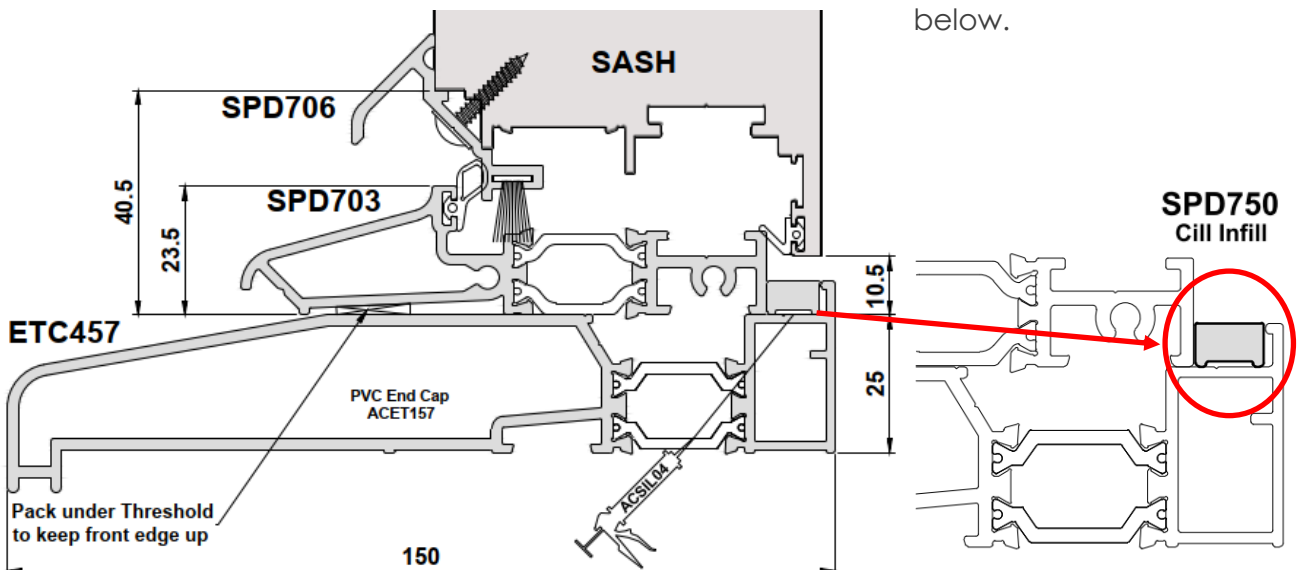
The Designer Door threshold SPD703 is designed with an external ramp with 15° slope which is suitable for wheelchair access. To avoid the step on the inside of the rebate a transition ramp or internal flooring needs to raise set higher on the inside by 9mm as detailed (fig a)



Cross section detail
(E) Low aluminium threshold



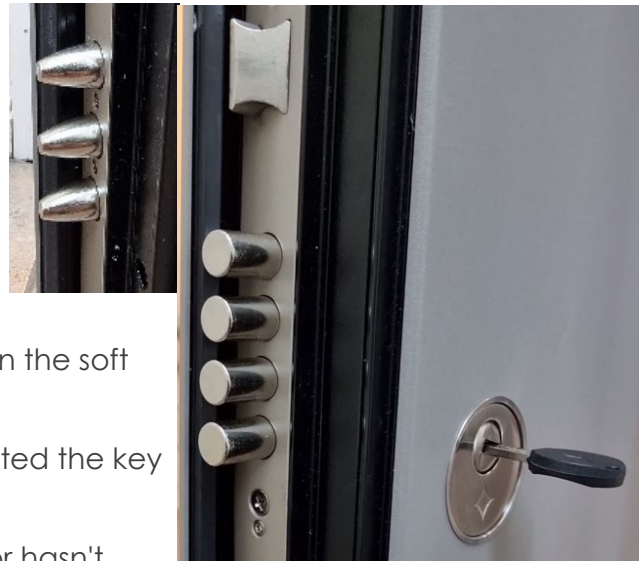
If the SPD703 threshold is being sat on an external cill then the SPD750 cill infill must be used to pack out against the back of the threshold and the upstand of the cill as detailed below.



Locking options

High security 10 point lock - ACPD681

- PAS24:2016 tested
- 4 central round locking pins, 3 top & 3 bottom conical locking pins
- Door Cylinders are drill proof and anti-bump
- The door is locked with a key after it is closed
- If door is just pulled closed it is only secured on the soft latch (this is **not** a locked or secure position)
- If either a bar handle or escutcheon only is fitted the key is required to open the door
- If a lever handle has been fitted and the door hasn't been deadlocked the lever handle will open the door



Multi point slam shut lock - ACPD670









- PAS24:2016 tested
- 5 multi point high security lock, 2 hooks, 2 shootbolts & central dead-bolt
- Drill proof and anti-bump cylinder
- The door locks automatically when closed (door can be further dead locked with the key)
- If either a bar handle or escutcheon only is fitted the key is required to open the door
- If a lever handle has been fitted and the door hasn't been deadlocked the lever handle will open the door











- 3 hidden hinge protectors as standard on all doors












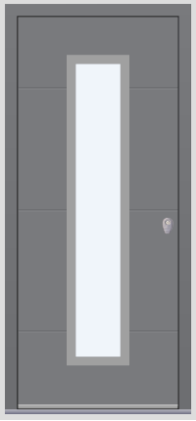





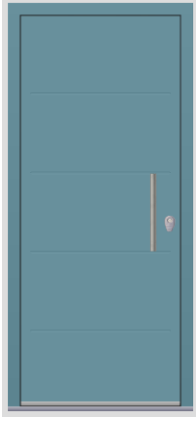
Door Designs (Hardware positions see links - [Escutcheons](#), [Handles](#), [Letterbox](#), [Spyhole](#) & [Door knockers](#))

| DM0001 Amersham | DM0002 Ashwell | DM0003 Bloomsbury | DM0004 Broadstone |
|--|--|---|---|
|  |  |  |  |
| Three horizontal grooves running the full width of the door with one positioned towards the top and bottom of the glass unit and one positioned centrally. A single glazed (clear or Satin) aperture in the middle | Eight horizontal grooves fixed from bottom and a single glass (clear or Satin) aperture aligned to the hinge side | Two full height vertical grooves with ten horizontal grooves between giving a ladder effect | A single vertical groove aligned to the lock side with three horizontal groove towards the hinge side. Four glass (clear or Satin) apertures separated by the grooves |
| Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 |
| Handle option HL 1 | | | |
| Letterbox position LB 1 | Letterbox position LB 1 | Letterbox position LB 1 & LB 2 | Letterbox position LB 1 |
| Spyhole & Knocker Not available | Spyhole & Knocker Not available | Spyhole position SH 1 | Spyhole position SH 4 |
| DM0005 Canonbury | DM0006 Clifton | DM0007 Eastleigh | DM0008 Falmouth |
|  |  |  |  |
| One vertical groove down the centre of the door | Two vertical and two horizontal grooves which are vertically and horizontally aligned to the glass aperture (Satin only). Pattern aligned to lock side | A number of equally spaced horizontal grooves with rounded edges finishing short of the edges of the door | A single vertical groove passing down the centre of the door with five small square apertures at the centre (Clear or Satin) |
| Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 |
| Handle option HL 1 | Handle option HL 4 | Handle option HL 1 | Handle option HL 1 |
| Letterbox position LB 1 & LB3 | Letterbox position LB 1 | Letterbox position LB 1 & LB 2 | Letterbox, Spyhole & Knocker Not available |
| Spyhole & Door Knocker Not available | Spyhole & Door Knocker Not available | Spyhole position SH 5 | |





| DM0009 Hambleton | DM0011 Kingsbridge | DM0012 Kensington | DM0013 Lymington |
|---|---|--|--|
|  |  |  |  |
| A number of vertical grooves offset from the lock side of the door and equally spaced | Seven small square glass apertures and a single large glass aperture (Clear or Satin) aligned to the lock side | Seven horizontal grooves aligned to the hinge side and a single glass (Satin only) aperture with a Satin anodised trim at the centre | A single vertical groove passing down the centre of the door with five large square glass (Clear or Satin) apertures at the centre |
| Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 |
| Handle option HL 6 | Handle option HL 1 | | |
| Letterbox position LB 1 & 3 | Letterbox position LB 1 | Letterbox position LB 1 | Letterbox position LB 1 |
| Spyhole position SH 1 | Spyhole & Knocker Not available | Spyhole & Knocker Not available | Spyhole & Knocker Not available |
| Door Knocker position DK 1 | | | |





| DM014 Marlborough | DM0015 Oakham | DM0016 Pembroke | DM0017 Mayfair |
|---|--|---|---|
|  |  |  |  |
| One vertical curve groove aligned to the lock side with six horizontal grooves aligned to the hinge side. Three curved glass apertures (Satin only) with Satin anodised trim offset from vertical curved groove | A single narrow glazed (Clear or Satin) aperture aligned to the lock side with twelve short horizontal grooves spaced an equal distance apart to the hinge side | A single vertical groove in the centre with five rectangular glass (Clear or Satin) apertures centrally aligned | Four small square glass (Satin only) apertures above two square grooves aligned to the hinge side |
| Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 |
| Handle option HL 1 | | | |
| Letterbox, Spyhole & Door Knocker Not available | Letterbox position LB 1 | | |
| | Spyhole & Door Knocker Not available | | |

| DM0018 Purbeck | DM0019 Rushcliffe | DM0020 Pimlico | DM0021 Sherbourne |
|---|--|---|---|
|  |  |  |  |
| Two columns of five square glass (Satin only) aperture aligned to the centre | A single vertical groove with seven narrow horizontal glass (Satin only) apertures aligned at the centre | Six horizontal grooves aligned to the hinge side. A single curved glass (Satin only) aperture at the centre | Three horizontal grooves with rounded edges |
| Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 |
| Handle option HL 1 | | | |
| Letterbox position LB 1 | Letterbox position LB 1 | Letterbox, Spyhole & Door Knocker Not available | Letterbox position LB 1, LB 3 & LB 5 |
| Spyhole & Door Knocker Not available | | | Spyhole position SH 1 & SH 2 |
| | | | Door Knocker Not available |
| DM0022 Richmond | DM0023 Shipston | DM0024 Teddington | DM0026 Winchester |
|  |  |  |  |
| Semi-circular glass (Satin only) aperture with a vertical groove passing through the straight edge aligned to the lock side | Four square glass (Satin only) apertures aligned to the hinge side | A single vertical groove aligned to the hinge side with four horizontal offset grooves to each side | A single vertical groove with three rectangular flat glazed (Satin only) mouldings aligned to the hinge |
| Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 |
| Handle option HL 1 | | | |
| Letterbox position LB 1 & 3 | Letterbox, Spyhole & Door Knocker Not available | Letterbox position LB 1 & LB 3 | Letterbox position LB 1 |
| Spyhole & Door Knocker Not available | | Spyhole Not available | Spyhole & Door Knocker Not available |
| | | Door Knocker position DK 3 | |

| DM0028 Westbury | DM0029 Amersham 2 | DM0030 Oakham 2 | DM0031 Oxford |
|--|--|--|---|
|  |  |  |  |
| A single vertical groove with one rectangular flat glazed (Clear or Satin) moulding aligned to the hinge side | Three horizontal grooves running the full width of the door with one positioned towards the top and bottom of the glass unit and one positioned centrally. A single glazed (Satin only) aperture in the middle surrounded by a Satin anodised trim | A single narrow glazed (Satin only) aperture aligned to the hinge side with twelve short grooves spaced an equal distance apart to the lock side | Four narrow Satin anodised trim strips with rounded edges centrally located on width and equal distance apart |
| Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 |
| Handle option HL 1 | | | |
| Letterbox, Spyhole & Door Knocker Not available | | Letterbox position LB 1 | Letterbox position LB 1 & LB 3 |
| | | Spyhole & Door Knocker Not available | Spyhole position SH 2 & SH 5 |
| | | | Door knocker position DK 3 |
| DM0033 Highgate | DM0034 Ledbury | DM0037 Malton | DM0041 Oxford 2 |
|  |  |  |  |
| Four small square glazed (Satin only) apertures each with an off-set rectangular Satin anodised trim aligned to the hinge side of the door | Seven horizontal grooves aligned to the hinge side and a single glass (Clear or Satin) aperture in the centre | A single glazed (Clear or Satin) aperture in the middle of the door | Four horizontal grooves with rounded edges centrally located on width and an equal distance apart |
| Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 1,2,3,4,5 & 6 |
| Handle option HL 1 | | | |
| Letterbox, Spyhole & Door Knocker Not available | Letterbox position LB 1 | Letterbox, Spyhole & Door Knocker Not available | Letterbox position LB 1 & LB 3 |
| | Spyhole & Door Knocker Not available | | Spyhole position SH 5 |
| | | | Door knocker not available |

| DT0001 Greenway | DT0002 Elberry | DT0003 Edwardian | DT0005 Regency |
|---|---|--|--|
|  |  |  |  |
| A single large arched raised glass (Clear or Satin) moulding at the top with two large decorative raised mouldings at the bottom | A single large rectangular raised glass (Clear or Satin) moulding at the top with two large decorative raised mouldings at the bottom | Three small square raised glass (Clear or Satin) mouldings in the middle and two rectangular decorative raised mouldings at the bottom | Two small rectangular raised glass (Satin only) mouldings at the top with two rectangular raised glass mouldings in the middle and two rectangular decorative raised mouldings at the bottom |
| Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 |
| Handle option HL 12 | Handle option HL 2 | Handle option HL 11 | Handle option HL 7 |
| Letterbox position LB 1 & LB 4 | Letterbox position LB 1 & LB 4 | Letterbox position LB 2 | Letterbox position LB 1 & LB 2 |
| Spyhole & Knocker Not available | Spyhole Not available Door knocker position DK 4 | Spyhole Not available Door knocker position DK 2 | Spyhole position SH 1 Door knocker position DK 5 |
| DT0006 Victorian | DT0008 Coleford | DT0009 Axbridge | DT0010 Churchill |
|  |  |  |  |
| Two rectangular raised glass (Clear or Satin) mouldings at the top with two small rectangular decorative raised mouldings at the bottom | A single diamond shaped raised glass (Clear or Satin) moulding at the top with multiple narrow vertical grooves | Multiple narrow inclined grooves | A single square flat glass (Clear or Satin) moulding at the top with multiple vertical grooves |
| Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 |
| Handle option HL 7 | Handle option HL 3 | | |
| Letterbox position LB 2 | Letterbox position LB 1 & LB 2 | Letterbox position LB 1 & LB 2 | Letterbox position LB 1 & LB 2 |
| Spyhole position SH 1 & SH 2 | Spyhole & Door Knocker Not available | | |
| Door Knocker position DK 1, DK 2 & DK 5 | | | |

| DT0011 Purton | DT0012 Somerton | DT0013 Edwardian 2 | DT0014 Ashcott |
|---|---|---|---|
|  |  |  |  |
| A single flat rectangular glass (Clear or Satin) moulding with multiple narrow vertical grooves | Triangular narrow grooves pointing towards the lock side | Three small square raised glass (Satin only) mouldings in the middle and two rectangular raised glass mouldings at the bottom | Multiple narrow vertical grooves |
| Escutcheon type Esc 1,2,3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 |
| Handle option HL 5 | Handle option HL 3 | Handle option HL 11 | Handle option HL 2 |
| Letterbox position LB 1 & 2 | Letterbox position LB 1, LB 2 & LB 3 | Letterbox position LB 2 | Letterbox position LB 1 & 2 |
| Spyhole position SH 4 | Spyhole position SH 2 | Spyhole not available | Spyhole position SH 1 |
| Door Knocker position DK 3 | Door Knocker position DK 1 | Door Knocker position DK 1 | Door Knocker position DK 3 |

| DT0015 Regency 2 | DT0016 Victorian 2 | DT0023 Elberry 2 | DT0024 Elberry 3 |
|--|--|--|--|
|  |  |  |  |
| Two small rectangular raised glass mouldings at the top with two rectangular raised glass (Satin only) mouldings in the middle and two rectangular glass mouldings at the bottom | Two rectangular raised glass (Clear or Satin) mouldings at the top with two small rectangular raised mouldings at the bottom | A single large rectangular raised glass (Satin only) moulding at the top with two large rectangular raised glass mouldings at the bottom | A single large rectangular raised moulding at the top with two large decorative raised mouldings at the bottom |
| Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 |
| Handle option HL 8 | Handle option HL 11 | Handle option HL 2 | |
| Letterbox position LB 2 | Letterbox position LB 2 | Letterbox position LB 4 | Letterbox position LB 4 |
| Spyhole Not available | Spyhole position SH 2 | Spyhole & Door Knocker Not available | |
| Door Knocker position DK 1 | Door Knocker position DK 1 | | |

| DT0025 Edwardian 3 | DT0026 Edwardian 4 | DT0030 Regency 3 | DT0031 Regency 4 |
|---|--|---|--|
|  |  |  |  |
| Three small square raised glass (Satin only) mouldings at the top with two rectangular decorative raised mouldings in the middle and two rectangular decorative mouldings at the bottom | Three small square decorative raised mouldings at the top with two rectangular decorative raised mouldings in the middle and two rectangular decorative raised mouldings at the bottom | Two small rectangular raised glass (Satin only) mouldings at the top with two rectangular decorative raised mouldings in the middle and two rectangular decorative raised mouldings at the bottom | Two small rectangular raised mouldings at the top with two rectangular decorative raised mouldings in the middle and two rectangular decorative raised mouldings at the bottom |
| Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 | Escutcheon type Esc 3,4,5 & 6 |
| Handle option HL 11 | | Handle option HL 9 | Handle option HL 10 |
| Letterbox position LB 2 | Letterbox position LB 2 | Letterbox position LB 2 | Letterbox position LB 1 & 2 |
| Spyhole not available | | Spyhole position SH 2 | Spyhole position SH 1 |
| Door Knocker position DK 2 | Door Knocker position DK 2 | Door Knocker position DK 2 | Door Knocker position DK 1 & DK 3 |

| DT0032 Victorian 3 |
|---|
|  |
| Two rectangular decorative raised mouldings at the top with two small rectangular decorative raised mouldings at the bottom |
| Escutcheon type Esc 3,4,5 & 6 |
| Handle option HL 7 |
| Letterbox position LB 1 & 2 |
| Spyhole position SH 2 & SH 3 |
| Door Knocker position DK 2 |

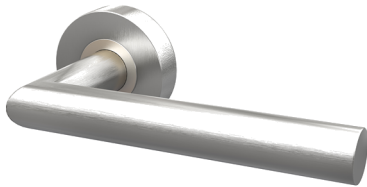
Note:

The finish of the Satin anodised cassettes used on some door designs is not a match to the finishes of the handles (all types), letterbox, door knockers or spyholes.

Where relevant you must specify the glass type required, failure to do so may result in the door getting processed with the default glazing which is Satin.

Door Hardware

Door hardware selection is subject to the door type requested. Each design has its own escutcheon, handle combination and colour finishes



Type 1 - ACPD754 Steel Lever handle

T Bar Stainless steel Pull handle

Type 2 - ACSCM026SS 400mm

Type 3 - ACSCM027SS 1200mm

Type 4 - ACSCM028SS 1500mm

Type 5 - ACSCM029SS 1800mm



Type 6 - ACPD759 Knob handle

BS - Brushed Steel/Graphite

GOZ - Gold

PC - Chrome

BL - Black

Outside handle only

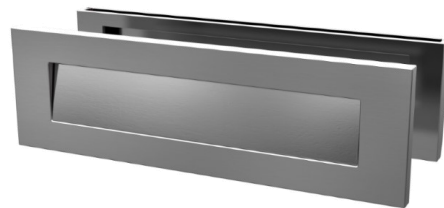
note: Door designs have specific handle combinations see [pages F016-F017](#). Some handle options have the same handle type but only certain sizes/colours will be available.

ACPD742 Letter Plate

BS - Brushed Steel/Graphite

GOZ - Gold

PC - Chrome



note: Letterplates positioned at centre bottom/latch side bottom on the following door designs have a minimum height requirement. Dimensions refer to a door with a standard low threshold and 78mm frame profile with no add-ons. If a different size frame, add-on or continuous outerframe is selected then minimum height is reduced.

| | | | | | | |
|-------------|--------|-------------|--------|----------|--------|---------|
| 2006mm high | DM0004 | Broadstone | DM0015 | Oakham | DM0018 | Purbeck |
| | DM0022 | Richmond | DM0030 | Oakham 2 | | |
| 2024mm high | DM0011 | Kingsbridge | | | | |
| 2074mm high | DM0012 | Kensington | | | | |

Handle options / Positions









Note: The following positions are fixed and cannot be altered

| Handle options available:- inside only, outside only , inside & out | | | | |
|---|---|--|--|---------------------------------|
| Option | Code | Handle Type | Fitting location options in relation to lock | |
| HL 1 | None (finger pull will be required in or out or both sides) | | | |
| | 754 | Steel Lever handle 52mm rose | above | |
| | 026SS | 400mm round T Bar S/Steel | beside | |
| | 027SS | 1200mm round T Bar S/Steel | | |
| | 028SS | 1500mm round T Bar S/Steel | | |
| | 029SS | 1800mm round T Bar S/Steel | | |
| HL 2 | None (finger pull will be required in or out or both sides) | | | |
| | 754 | Steel Lever handle 52mm rose | above | |
| HL 3 | None (finger pull will be required in or out or both sides) | | | |
| | 754 | Steel Lever handle 52mm rose | above | |
| | 028SS | 1500mm round T Bar S/Steel | beside | |
| HL 4 | None (finger pull will be required in or out or both sides) | | | |
| | 754 | Steel Lever handle 52mm rose | above | |
| | 026SS | 400mm round T Bar S/Steel | beside | |
| | 027SS | 1200mm round T Bar S/Steel | | |
| HL 5 | None (finger pull will be required in or out or both sides) | | | |
| | 754 | Steel Lever handle 52mm rose | above | |
| | 027SS | 1200mm round T Bar S/Steel | beside | |
| | 028SS | 1500mm round T Bar S/Steel | | |
| HL 6 | None (finger pull will be required in or out or both sides) | | | |
| | 754 | Steel Lever handle 52mm rose | above | |
| | 026SS | 400mm round T Bar S/Steel | beside | |
| | 027SS | 1200mm round T Bar S/Steel | | |
| | 028SS | 1500mm round T Bar S/Steel | | |
| | 029SS | 1800mm round T Bar S/Steel | | |
| | 759BS | 75mm round knob brushed steel/graphite | centre above middle | note 759 handle is outside only |
| | 759GOZ | 75mm round knob gold | | |
| 759PC | 75mm round knob chrome | | | |

| Handle options Outside with 754 Steel Lever handle internally | | | |
|---|---|--|--|
| option | Code | Handle Type | Fitting location options in relation to lock |
| HL 7 | None (finger pull will be required in or out or both sides) | | |
| | 754 | Steel Lever handle 52mm rose | above |
| | 759BS | 75mm round knob brushed steel/graphite | centre above middle |
| | 759GOZ | 75mm round knob gold | |
| | 759PC | 75mm round knob chrome | |
| HL 8 | None (finger pull will be required in or out or both sides) | | |
| | 754 | Steel Lever handle 52mm rose | above |
| | 759BS | 75mm round knob brushed steel/graphite | centre middle |
| | 759PC | 75mm round knob chrome | |
| | 759GOZ | 75mm round knob gold | centre above middle |
| HL 9 | None (finger pull will be required in or out or both sides) | | |
| | 754 | Steel Lever handle 52mm rose | above |
| | 759BS | 75mm round knob brushed steel/graphite | centre middle |
| | 759GOZ | 75mm round knob gold | |
| | 759PC | 75mm round knob chrome | |
| HL 10 | None (finger pull will be required in or out or both sides) | | |
| | 754 | Steel Lever handle 52mm rose | above |
| | 759BL | 75mm round knob black | centre above middle |
| | 759BS | 75mm round knob brushed steel/graphite | |
| | 759GOZ | 75mm round knob gold | |
| 759PC | 75mm round knob chrome | centre middle | |
| HL 11 | None (finger pull will be required in or out or both sides) | | |
| | 754 | Steel Lever handle 52mm rose | above |
| | 759BS | 75mm round knob brushed steel/graphite | centre above middle |
| | 759GOZ | 75mm round knob gold | |
| | 759PC | 75mm round knob chrome | |
| HL 12 | None (finger pull will be required in or out or both sides) | | |
| | 754 | Steel Lever handle 52mm rose | above |
| | 759BL | 75mm round knob black | centre above middle |
| | 759BS | 75mm round knob brushed steel/graphite | |
| | 759GOZ | 75mm round knob gold | |
| 759PC | 75mm round knob chrome | | |

Escutcheon Options

| | | | |
|-------------------|---|---|--|
| <p>Esc type 1</p> |  | <p>Flush mounted Esc, 33/45 cylinder key/key</p> | <p>Available in Stainless steel graphite Polished chrome</p> |
| <p>Esc type 2</p> |  | <p>Flush mounted Esc, 33/45 cylinder Thumbturn</p> | |
| <p>Esc type 3</p> |  | <p>ESC FPull outside & In 33/63 cylinder key/key</p> | <p>Available in Stainless steel graphite, Black</p> |
| <p>Esc type 4</p> |  | <p>ESC FPull outside & in 33/63 cylinder with Thumbturn</p> | |
| <p>Esc type 5</p> |  | <p>FP Esc & 33/63 Cylinder key/key</p> | <p>Available in Stainless steel graphite, Black, Gold, Polished chrome</p> |
| <p>Esc type 6</p> |  | <p>FP Esc & 33/63 Cylinder Thumbturn</p> | |

Door knockers / Spyhole options



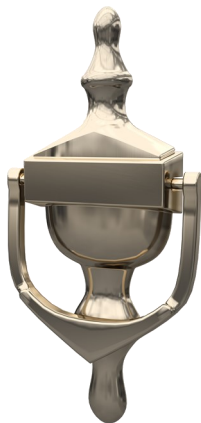
Type 1

ACPD749 Horse Tail knocker
PC - Chrome



Type 2

ACPD747 Urn Kocker with Spyhole
BS - Brushed Steel/Graphite
GOZ - Gold
PC - Chrome



Type 3

ACPD746 Urn Kocker
PC - Chrome



Type 4

ACPD748 Ring knocker
BL - Black
BS - Brushed Steel/Graphite
GOZ - Gold
PC - Chrome



ACPD645 Spyhole
BR - Brass
PC - Chrome

Letterbox, Spyhole & Door knocker positions

Note: The following positions are fixed and cannot be altered

| | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  | |
| LB 1 Centre Bottom | LB 2 Centre Middle | LB 3 Centre below middle | LB 4 Centre above middle | LB 5 Centre below middle 2 | |
|  |  |  |  |  | |
| SH 1 C31 centre High | SH 2 C30 centre high | SH 3 C20 centre near top | SH 4 O25 high latch side | SH 5 C40 centre above middle | |
|  |  |  |  |  |  |
| DK 1 C31 centre high | DK 2 C30 centre high | DK 3 C40 centre above middle | DK 4 C50 centre middle | DK 5 C20 centre near top | DK 6 C22 centre near top 2 |

Thermal Performance Thermal Simulation BS EN ISO 10077-2 BS EN 14351-1

| U Value W/m²K | Door Reference | |
|------------------|----------------|-------------|
| 1.4 | DM0001 | Amersham |
| 1.4 | DM0002 | Ashwell |
| 1.3 | DM0003 | Bloomsbury |
| 1.4 | DM0004 | Broadstone |
| 1.3 | DM0005 | Canonbury |
| 1.4 | DM0006 | Clifton |
| 1.3 | DM0007 | Eastleigh |
| 1.4 | DM0008 | Falmouth |
| 1.3 | DM0009 | Hambleton |
| 1.4 | DM0010 | Highgate |
| 1.4 | DM0011 | Kingsbridge |
| 1.4 | DM0012 | Kensington |
| 1.4 | DM0013 | Lymington |
| 1.4 | DM0014 | Marlborough |
| 1.4 | DM0015 | Oakham |
| 1.5 | DM0016 | Pembroke |
| 1.4 | DM0017 | Mayfair |
| 1.5 | DM0018 | Purbeck |
| 1.5 | DM0019 | Rushcliffe |
| 1.4 | DM0020 | Pimlico |
| 1.3 | DM0021 | Sherbourne |
| 1.5 | DM0022 | Richmond |
| 1.5 | DM0023 | Shipston |
| 1.3 | DM0024 | Teddington |
| 1.4 | DM0025 | Twickenham |
| 1.3 | DM0026 | Winchester |
| 1.3 | DM0027 | Woodbridge |
| 1.4 | DM0028 | Westbury |
| 1.5 | DM0029 | Amersham 2 |
| 1.5 | DM0030 | Oakham 2 |
| 1.3 | DM0031 | Oxford |
| 1.5 | DM0032 | Amersham 3 |
| 1.3 | DM0033 | Highgate |
| 1.3 | DM0034 | Ledbury |
| 1.3 | DM0037 | Malton |
| 1.3 | DM0041 | Oxford 2 |
| 1.3 | DM9000 | Amesbury |

| U Value W/m²K | Door Reference | |
|------------------|----------------|-------------|
| 1.7 | DT0001 | Greenway |
| 1.7 | DT0002 | Elberry |
| 1.9 | DT0003 | Edwardian |
| 1.8 | DT0004 | Georgian |
| 1.8 | DT0005 | Regency |
| 1.8 | DT0006 | Victorian |
| 1.6 | DT0007 | Windsor |
| 1.4 | DT0008 | Coleford |
| 1.3 | DT0009 | Axbridge |
| 1.4 | DT0010 | Churchill |
| 1.4 | DT0011 | Purton |
| 1.3 | DT0012 | Somerton |
| 2.1 | DT0013 | Edwardian 2 |
| 1.3 | DT0014 | Ashcott |
| 2.0 | DT0015 | Regency 2 |
| 2.1 | DT0016 | Victorian 2 |
| 2.1 | DT0023 | Elberry 2 |
| 1.3 | DT0024 | Elberry 3 |
| 1.4 | DT0025 | Edwardian 3 |
| 1.3 | DT0026 | Edwardian 4 |
| 2.1 | DT0027 | Georgian 2 |
| 1.4 | DT0028 | Georgian 3 |
| 1.3 | DT0029 | Georgian 4 |
| 1.5 | DT0030 | Regency 3 |
| 1.3 | DT0031 | Regency 4 |
| 1.3 | DT0032 | Victorian 3 |

System Thermal Performance.

Calculation in accordance with BR443, Thermal transmittance of system from numerical method of simulations, BS EN ISO 10077-2

1 Thermal Transmittance of glazing (Centre Pane) to be determined in accordance with EN 673, EN 674 or EN675.

2 Spacer Bar Data to be Calculated in accordance with ift-Guidelines WA-08 'Determination of representative values for profile sections of windows 3 Calculated overall thermal performance to BS EN ISO 1007-1 configuration to EN 14351-1 Annex E as per UK 2010 Building Regulations.

L1B dependent on g value of glazing windows may also be compliant with energy rating calculation