

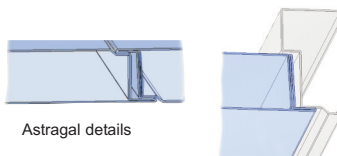


# EXTERNAL STEEL DOOR “FDA”

Fully **CE** compliant.  
Tested to EN14351-1 product compliant standard

## DOOR LEAF

<b>Thickness:</b>	54mm
<b>Material:</b>	1.2mm corrosion resistant Zintec/Aluzinc sheets as standard, wide variety of colours and finishes available. Also 304 or 316 grade Stainless Steel or Magnelis corrosion resistant steel.
<b>Infill:</b>	Self supporting resin-impregnated honeycomb core as standard. Optionally Mineral Wool, Polyurethane or Solid Timber.
<b>Construction:</b>	Doorblade manufactured from two 1.2mm sheets lockformed together, by bonding skins around a rigid core, using a no-weld construction.

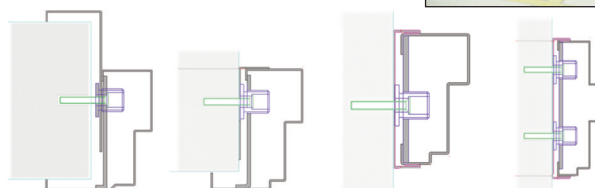


Astragal details



## DOOR FRAME

<b>Construction:</b>	Folded from 1.6mm Zintec/Aluzinc. Screw and tab construction with 4no. adjustable fixing feet per jamb, variable sub-frame supplied as standard to accommodate site of tolerance -0/+30mm.  The frame is fitted with 4no. Dog-bolt hinges as standard.
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Type A

Type B

Type C

Type D

Types A & B available in both Inward & Outward Opening Versions.

## THRESHOLD

<b>Standard:</b>	15mm rebated threshold.
<b>Optional:</b>	5mm driveable (DDA compliant). 12.5mm 564A Aluminium (DDA compliant). Optional dropseals and/or rain deflectors available.



Standard

Driveable

564A

## THERMAL ‘U’ VALUES

Depending on construction and infill values of 3.1 - 1.6 w/m<sup>2</sup>k are obtainable.  
*See Thermal datasheet for full details, (click here)*

## FINISHES

<b>Standard:</b>	Polyester Powder coated from standard range.
<b>Optional:</b>	Polyester Powder Coating from non-standard range. PVC laminate from standard range. Woodgrain PVC laminate. Stainless steel, brushed, polished or patterned. Unfinished for site finishing.



## SIZES

<b>Size:</b>	Doors are custom manufactured in 10mm increments for single openings 690mm to 1290mm and double openings 1290mm to 2600mm, at heights up to 2900mm. Contact <a href="mailto:sales@industrial-door-eng.co.uk">sales@industrial-door-eng.co.uk</a> for special configurations and finishes.
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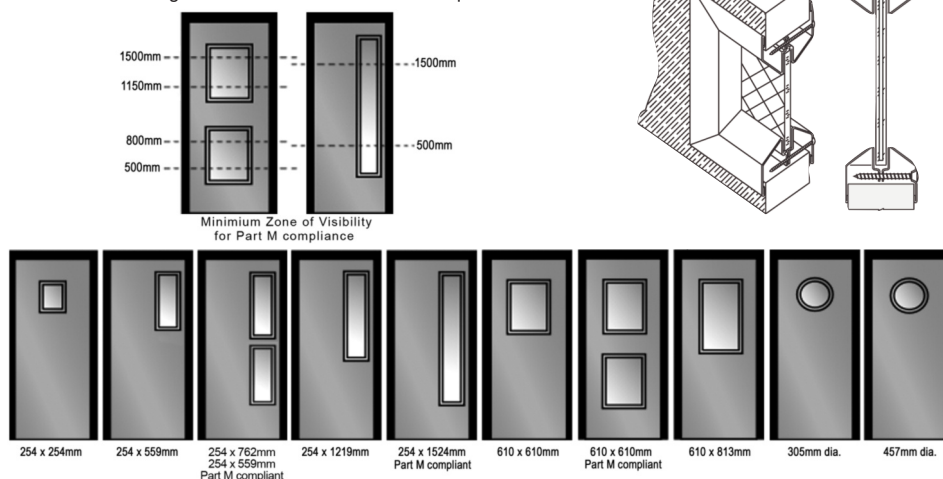


## VISION PANELS

**Guidance Notes:** To comply with Part M of the Building Regulations 2004 doors circulation across routes should have visibility glazing. (Vision panels less than 50% of the total door area are exempt from Part L of the Building Regulations).

**Construction:** Welded construction from 1mm cold rolled steel, screwed together from one side.

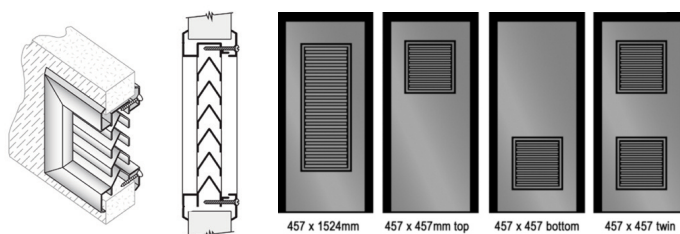
**Options:** Standard glazing is 6.4mm clear laminate. Alternative options include 6mm GWPP or a 19mm Double Glazed Unit (6.4/6/6.4 mm laminate). Custom sizes and glass are available to customer requirements.



## LOUVRE PANELS

**Construction:** Standard Louvre offers 50% air flow with louvre blades constructed to stop birds. Frames are 1.2mm thick and blades 0.7mm.

**Options:** Fly mesh available as an optional extra, also custom sizes.

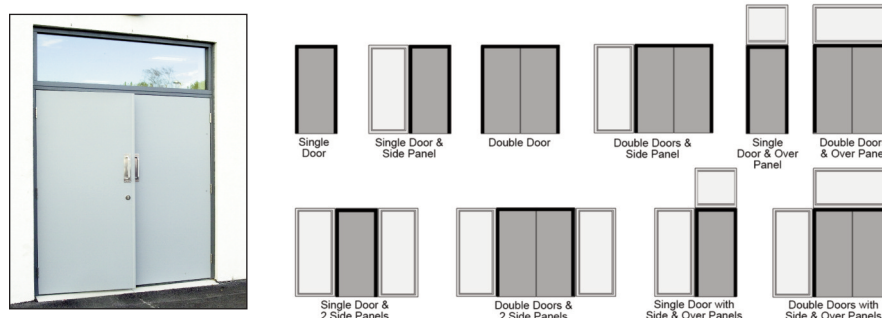


## PANEL ARRANGEMENTS

**Construction:** Panels can be solid, glazed or louvred.

**Sizes:** Standard side panels are available up to 1290mm wide x 2900mm high. Standard over panels are available up to 1290 x 2900mm (single door) or 1290 x 2600mm (double door).

**Options:** Hinged panels. Removeable, flush, glazed or louvred are all available. Please email [sales@industrial-door-eng.co.uk](mailto:sales@industrial-door-eng.co.uk) with specific requirements.



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Individual specifications may vary as IDE conduct a policy of continuous product development.

