

## Door leaf

*Thickness:* 55mm

*Material:* 2mm corrosion resistant Zintec/Aluzinc sheets as standard, wide variety of colours and finishes available.

*Infill:* Filled with mineral wool and integral steel stiffeners.

*Construction:* Doorblade manufactured from two 2mm sheets lockformed together, by bonding two two steel skins around a rigid core. A total steel armour thickness of 4mm.

*Astragal:* Blade fitted with a flush anti-jemmy astragal.

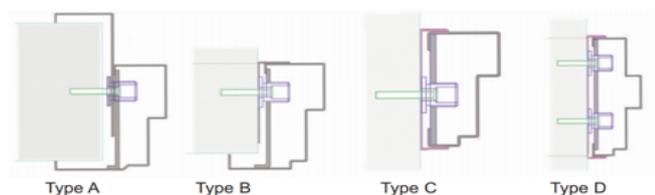
## Door frame

*Construction:* Folded and welded from 2mm Zintec/Aluzinc.

Fully welded, variable sub-frame supplied as standard to accommodate site tolerance of -0/+30mm. Complete with Anti-Crush plate.

The sub-frame providing additional protection to the fixings against jemmys.

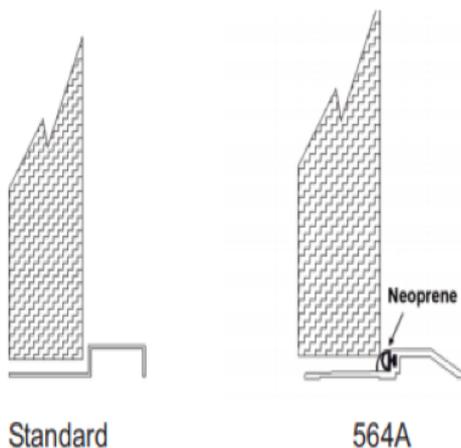
The frame is fitted with four Class 13 stainless steel dog bolt hinges recessed and specially modified to prevent pin extraction. Plus 2 no. solid ball round dog bolts to increase resistance to prising. Infilled with mineral wool.



## Threshold

*Standard:* 15mm rebated threshold.

*Optional:* 12.5mm 564A Aluminium (DDA compliant).



## Finishes

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*Standard:* Polyester Powder Coated from standard colour range.

*Optional:* Polyester Powder Coated from non-standard colour range.

Unfinished for site finishing.

## Thermal U-values

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With in-fill as detailed a thermal value of 2.4W/m<sup>2</sup>k is obtainable.

## Sizes

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Doors are custom manufactured in 10mm increments for single openings 690mm to 1200mm and double openings 1290mm to 2500mm, at heights up to 2800mm.

Contact Stemko Group for special configurations and finishes.

## Secure locking

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High Security triple point high security sashlock, Securefast, with High Security cylinders and anti-jemmy escutcheon protecting against snapping attack. Lock is anti-drill and pattern protected to reduce the risk of key copying.

Alternatively, doors can be fitted with with three point heavy duty Panic Hardware for Fire Escape but must be fitted with a Locking Box to prevent Drill Attack

## Acoustic values

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With in-fill as detailed an acoustic value of 23dB is achievable.

## Applications

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*Duty:* Medium risk residential and commercial properties which may be obscured from view.

Protection from a deliberate forced entry of a well protected property using a wide variety of tools with little regard for noise.

Note: All duty recommendations assume the doors are used in conjunction with other comparable levels of security at windows etc.

## Testing and certification

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*Tests:* These doors achieve a pass to the following;

STS202 (BR3) which is accepted by Secure by Design.  
BS1627 level 3.

Tests involves a determined attack over a period of 20mins. using tools including hand hammer, hand drill, and crowbar (see 'Practical Attack Element of Test for full details').

Locks anti-drill tested to BS EN 1303 Security Grade 6.



Bespoke commercial doorsets and screens for London fit-outs

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