

# NationPlus SD5

Security & Blast doors



## Door leaf

*Thickness:* 62mm (xxkg/m3 blade only)

*Material:* 3mm and 4mm sheets of mild steel as standard, wide variety of colours.

*Infill:* Infilled with mineral wool and integral steel strengtheners

*Construction:* Doorblade manufactured from heavily welded mild steel and constructed with an infilled inner door which is faced with 4mm steel externally and 3mm internally.

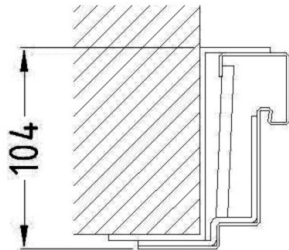
A total steel armour thickness of 9mm.

*Astragal:* Blade fitted with an anti-jemmy astragal.

## Door frame

*Construction:* High security two part frame system allows for highest security. The first part is fitted to the structure with the second being welded on site to protect the fixing points.

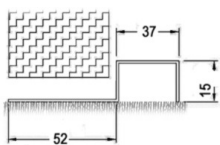
Fitted with heavy duty drop-on hinges which only allow the door to be removed once the blade has passed 90 degrees. Large diameter dog bolts are fitted to the frame to prevent the door from being removed if the hinges are attacked.



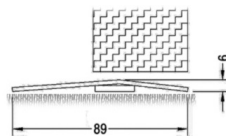
## Threshold

*Standard:* 15mm rebated threshold.

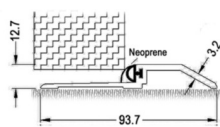
*Optional:* 5mm driveable (DDA compliant). 12.5mm 564A Aluminium (DDA compliant).



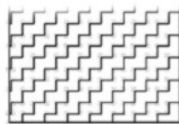
Standard (optional)



Driveable (optional)



564A (optional)



None

Part M compliant Part M compliant



## Finishes

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*Standard:* Because, for strength and attack resistance, the door construction is heavily welded it is not possible to achieve our normal high aesthetic finish. The doors can be completed with a powdercoat finish to any standard BS or RAL finish.

*Optional:* Contact the Sales office for special finishes.

## Sizes

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Doors are custom manufactured in 10mm increments for single openings 690mm to 1390mm and double openings 1290mm to 2600mm, at heights up to 2900mm.

Contact the Sales office for special configurations and finishes.

## Secure locking

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High Security multipoint deadlock.

Alternatively, high security multi-point panic hardware for fire escapes.



## Applications

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*Duty:* Heavy duty applications such as strong-rooms, cash offices and drug stores.

Protection from professional means of attempting forced entry into high value storage areas after penetrating the building facade.

Further the door is suitable for protection against attempted entry by explosives.

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:* Tested to the highest level of the Swedish Burglary Test SS 81 73 45.

The test involves a determined attack over a period of 30mins. using a selection of hand and power tools including sledge hammer, 500W drill, power saws and angle.