



Superior Strength.
Powershield **Security Doors.**

Powershield

ASSA ABLOY

ASSA ABLOY, the global leader
in door opening solutions

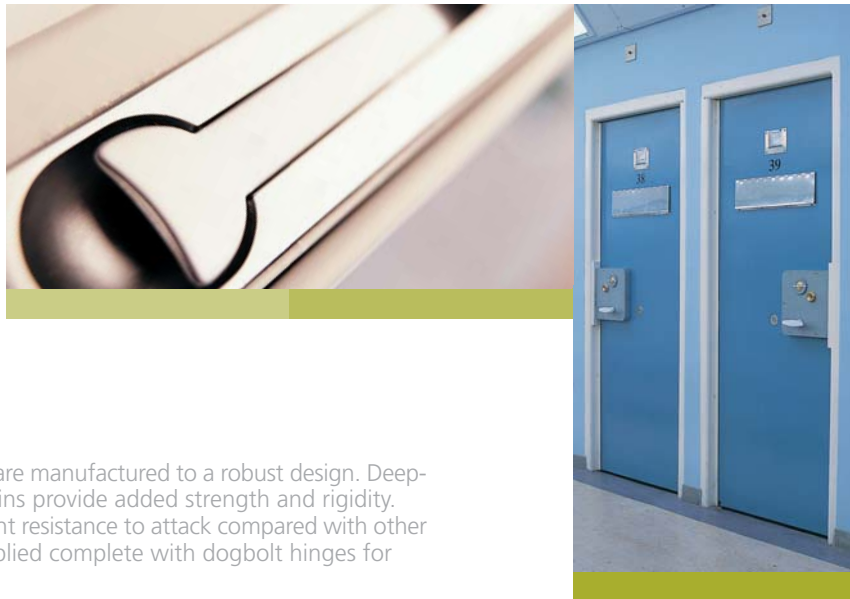


We are continually raising the design, production and installation standards of our steel doors and steel glazing systems to new levels.

Powershield Security Doors have been designed to provide protection for your property. A variety of specifications are offered depending on the application required. The doors are designed to withstand attacks using simple hand tools through to prolonged attacks with a range of power tools.

Our doors have been used on various high-profile projects, both nationally and internationally, including:

- Emirates Stadium
- Allen & Overy Solicitors
- Intel
- Airbus UK
- O2 Millennium Dome
- HM Prisons
- Royal Bank of Scotland
- Irish Prisons



Powershield Security Doors are manufactured to a robust design. Deep-pocket interlocking steel skins provide added strength and rigidity. Door frames provide excellent resistance to attack compared with other door materials and are supplied complete with dogbolt hinges for increased security.

Classification	Door Skins	Door Frames	Door Leaf Core	Integral Astragal	Security Hinges	Other Performance Criteria	
Personnel Security	1.2mm	1.5mm	Honeycomb or mineral wool	✓	✓	Fire Acoustic Cleanroom	Epoxy Powder Primed Finish Polyester Powder Coated Finish
Class 1	1.5mm	1.5mm	Honeycomb or mineral wool	✓	✓	Fire Acoustic Cleanroom	Epoxy Powder Primed Finish Polyester Powder Coated Finish
Class 2	2.0mm	2.0mm	Honeycomb or mineral wool	✓	✓	Fire Acoustic Cleanroom	Epoxy Powder Primed Finish Polyester Powder Coated Finish
Class 3	1.5mm	1.5mm	Vertical steel stiffened Honeycomb or mineral wool	✓	✓	Fire Acoustic Cleanroom	Epoxy Powder Primed Finish Polyester Powder Coated Finish
Class 4	1.5mm	1.5mm	Solid Timber	✓	✓		Epoxy Powder Primed Finish Polyester Powder Coated Finish
Prison	Cell Doors, C&R Doors, Pass Doors, Grille Gates and grillage to British Home Office and Irish Prison Service Approved Standards						Epoxy Powder Primed Finish only

Technical specification of Powershield **Security doors.**

Material Types

1.2mm - 2mm Galvatite ZF 'Galvanneal' to EN 10142:2000
1.2mm - 4mm Stainless Steel Grade 304 (1.4301) to EN 58E
1.2mm - 4mm Stainless Steel Grade 316 (1.4401) to EN 58H

Finishes for Personnel Security and Class 1-4 Doors

Epoxy Powder Primed Finish
Polyester Powder Coated Finish
Satin Polish 180-240 grit (Stainless Steel Only)
'Rimex' Patterned Finish (Stainless Steel Only)
Prison products are supplied in Epoxy Powder Primed Finish only

Frame Options

Single Rebate
Double Rebate
2-Part Wrap Around
Standard Prison Frames

Vision Panel Options

Type 1 - Single Glazed
Type 2 - Double Glazed
Type 3A - Double Glazed (with concealed fixings)
Standard Prison Glazing Details

Core Materials

Honeycomb core
Medium density mineral wool
(complies with Document Part L Building Regulations)
Hardwood (Class 4 only)

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