



Feel Protected.
Powershield **Fire 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.

Steel doors provide a higher level of fire protection when compared with other door materials such as timber, UPVC, aluminium or GRP. Powershield Doors have been extensively tested to both British and European standards to a variety of configurations, sizes and specifications.

Our doors have been utilised on a wide and diverse range of projects, including:

- Residential–public sector
- Food & Drink Processing
- Commercial
- Sports/entertainment facilities
- Pharma
- Industrial
- Offices
- Warehousing
- Petrochemical facilities

Our range of fire doors has been successfully certified by Bocyote Warringtonfire in accordance with Certifire.



Single-Action Doors

Includes singles, doubles/leaf & half, all as per configurations detailed in Personnel brochure

- Up to 240mins integrity only
- Up to 3m x 3m

Other performance criteria available:

- Security (Security Personnel & Class 1-3)
- Blast (5-50KN/m²)
- Cleanroom (to ISO 14644 cGMP standards)
- Acoustic (to BS 5821)

Double-Action Doors

Single and Double doors, all as per configurations detailed in Personnel brochure

- Up to 60mins integrity only
- Up to 2.6m x 2.6m

Other performance criteria available:

- Security (Security Personnel & Class 1-3)
- Blast (5-50KN/m²)
- Cleanroom (to ISO 14644 cGMP standards)

Sliding Doors

- Up to 90 mins integrity only
- Up to 2.6m x 2.6m

Other performance criteria available:

- Security (Security Personnel & Class 1-3)
- Blast (5-50KN/m²)
- Cleanroom (to ISO 14644 cGMP standards)

Technical specification of Powershield Fire 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

Epoxy Powder Primed Finish
Polyester Powder Coated Finish
Satin Polish 180-240 grit (Stainless Steel Only)
'Rimex' Patterned Finish (Stainless Steel Only)

Frame Options

Single Rebate
Double Rebate
2-Part Wrap Around
Double-Action

Vision Panel Options

Type 1 - Single Glazed
Type 2 - Double Glazed
Type 3a - Double Glazed (with concealed fixings)
Type 3b - Double Glazed Mastic-Sealed

Core Materials

Honeycomb core
Medium density mineral wool
(complies with Document Part L Building Regulations)

Seals

Single-action doors do not require intumescent seals and are tested accordingly
Smoke seals (available on request)
Drop seals (available on request)

Testing Standards

BS 476 Part 22 1987
BS EN 1634-1 2000
Certifire Approved
Mid-East Listing

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