

# Hinged Blast and Gas Tight Fire Rated Doors



## A0 – A60 Heavy Duty Single Hinged (Blast) Door

Heavy duty, single leaf, hinged, external gas tight A60 fire door.

Designed to meet the requirements in SOLAS 74 and IMO FTP code.

### Door Leaf

Steel box section design with angle profile stiffened and insulated with ceramic board to meet A60 rating.

Reinforced hinges, door closer and the optional panic bar.

### Door Frame

The frame is pre-drilled for bolted installation, alternative: welded installation.

### Materials

Mild steel finished with multi layered offshore paint system, SS316

### Hardware

Heavy duty Stainless Steel.

### Operation

Manually, electrically or pneumatically operated.

### Certification

Type approval by Lloyds Register, ABS and USCG



Characteristics	Standard	Customised	NORSOK
Fire Rating	A0 – A60	A0 – A60	A0 – A60
Door Leaf Plate Thickness	2mm	3mm	2mm
Door Leaf Total Thickness	80mm Thickness	80mm Thickness	80mm Thickness
Frame	4mm	5mm	4mm
Hinges	3 Hinges	continuous Hinge	3 Hinges Bolted
Latch	1 Point	3 Point	1 Point
Weight (900x1200)	165kg	Depends on Size	Depends on Size
Sound Reduction	RW = 41-44 dB	RW = 41-45dB	RW = 41-45 dB
Gas Tightness	0,07 m <sup>3</sup> /m <sup>2</sup> h @ 50pa	0,07 m <sup>3</sup> /m <sup>2</sup> h @ 50pa	0,07 m <sup>3</sup> /m <sup>2</sup> h @ 50pa
Thermal Insulation	U = 0.8W / m <sup>2</sup> K	U = 0.8W / m <sup>2</sup> K	U = 0.8W / m <sup>2</sup> K
Clear Opening	900 x 2100	Customised	Customised
Blast Resistance	Up to 0.1 bar	0 to 2 bar	0 to 2 bar

# Hinged Blast and Gas Tight Fire Rated Doors

## A0 – A60 Heavy Duty Double Hinged (Blast) Door

Heavy duty, double leaf, hinged, external weather and gas tight A60 fire door. GADAM doors are designed to meet the requirements in SOLAS 74 and IMO FTP code.

### Door Leaf

Steel box section design with angle profile stiffened and insulated with ceramic board to meet A60 rating.

Reinforced hinges, door closer and the optional panic bar

### Door Frame

The frame is pre-drilled for bolted installation, alternative; welded installation. Frame design is a Z-profile frame. Alternative frame can be discussed.

### Materials

Mild steel finish with multi layered offshore paint system, SS316 glass blasted finish or SS316 finished with multi layered offshore paint system.

### Hinges

Standard 2 x 3 hinges welded or bolted.

### Hardware

Heavy duty Stainless Steel.

### Operation

Manually, electrically or pneumatically operated.

### Certification

Type approved by Lloyds Register, ABS and USCG. Alternative certification authorities (project approval) available on request.



Characteristics	Standard	Customised	NORSOK
Fire Rating	A0 – A60	A0 – A60	A0 – A60
Door Leaf Plate Thickness	2mm	3mm	2mm
Door Leaf Total Thickness	80mm Thickness	80mm Thickness	80mm Thickness
Frame	4mm	5mm	4mm
Hinges	2 x 3 Hinges	Continuous Hinge	2 x 3 Hinges Bolted
Latch	1 Point	3 Point	1 Point
Weight (900x1200)	295kg	Depends on Size	Depends on Size
Sound Reduction	RW = 39-47 dB	RW = 39-49 dB	RW = 39-49 dB
Gas Tightness	0,07 m3/m2 h @ 50pa	0,07 m3/m2 h @ 50pa	0,07 m3/m2 h @ 50pa
Thermal Insulation	U = 0.8W / m2K	U = 0.8W / m2K	U = 0.8W / m2K
Clear Opening	1800 x 2100	Customised	Customised
Blast Resistance	Up to 0.1 bar	0 to 2 bar	0 to 2 bar

# Hinged Blast and Gas Tight Fire Rated Doors

## About Us

Established in 1996, European EMC Products (EEP) are an established British company whose experience and understanding of the science of shielding makes it an ideal partner in whom you can place your trust with confidence. The purpose of installing EEP shielding systems is to protect people and equipment against the threats posed by electromagnetic and radio frequency (RF) interference, radiation, magnetic fields and electromagnetic pulses. Our diverse range of turnkey products and services, including design, project management, testing and consultancy are delivered across multiple sectors to an international client base.

## Quality

European EMC Products Limited are registered to BS EN ISO 9001:2015, Certificate Number FS38901.

Registered Scope: The design, assembly, installation, servicing and testing of RF Shielded Structures and equipment including EMI Shielding, Blast Doors, Gas Tight Doors and specialised mobile Electromagnetic Pulse Protection (EMPP) containers.

Radio Frequency, Magnetic Shielding and Quench systems for MRI (Magnetic Resonance Imaging) scanners.

The design, assembly and installation of Ionising Radiation Protection facilities.

The design, manufacture and installation of LED lighting systems for medical applications.

EEP Filters Limited are registered to BS EN ISO 9001:2015, Certificate Number FS38901.

Registered Scope: The design, manufacture, management of installation and testing of high performance EMC and EMP Power and Data Line Filters.

## Disclaimer

NB: All the information provided within this datasheet is for reference only. Product specifications are subject to change without notice.