

0.1 Bar Between 17 Bar Explosion Pressure Resistant Door Systems



MADOORS SLBP-01 (Single Leaf Blast and Fire Proof Door)

Heavy Duty, single leaf, hinged, external eather and gas tight A60 fire door. MAdoors doors are designed to meet the requirements in SOLAS 74 and IMO FTP code.

Doorleaf

Box type design with angle profile stiffened and insulated with ceramic fibre to meet A60 rating. Reinforced for the hinges, door closer and the optional panic bar.

Doorframe

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

Hinges

Standard 3 hinges welded or bolted. Customized a continuous hinge,bolted.

Hardware

Heavy duty Stainless Steel.

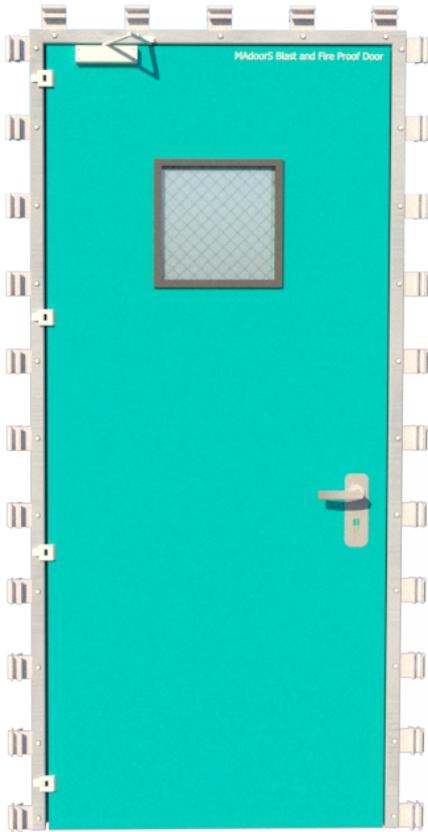
Operation

Manually, Electrically or Pneumatically operated

Certification

Third part company test certificate (Ansys and LS-Dyna Blast Proof and Termal Resistant Test Report than labrotory)





Characteristics

Fire Rating

Door Leaf plate thickness

Door Leaf total thickness

Frame

Hinges

Latch

Weight (900 x 2100)

Sound reduction

Gas Tightness

Thermal Insulation

Clear Opening

Blast Resistance

Standard

A0-A60

2 mm

80 mm thickness

4 mm

3 Hinges

1 Point

165 Kg

RW = 41-44 dB

0,07 m³/m² h @50Pa

U = 0.8 W / m²K

900 x 2100

Up to 0.1 bar

Customized

A0-A60

3mm

80 mm thickness

5mm

Continuous Hinge

3 Point

Depends on size

RW = 41-45 dB

0,07 m³/m² h @50Pa

U = 0.8 W / m²K

Customized

0 to 2 bar

NORSOK

A0-A60

2mm

80 mm thickness

4mm

3 Hinges Bolted

1 Point

Depends on size

RW = 41-45 dB

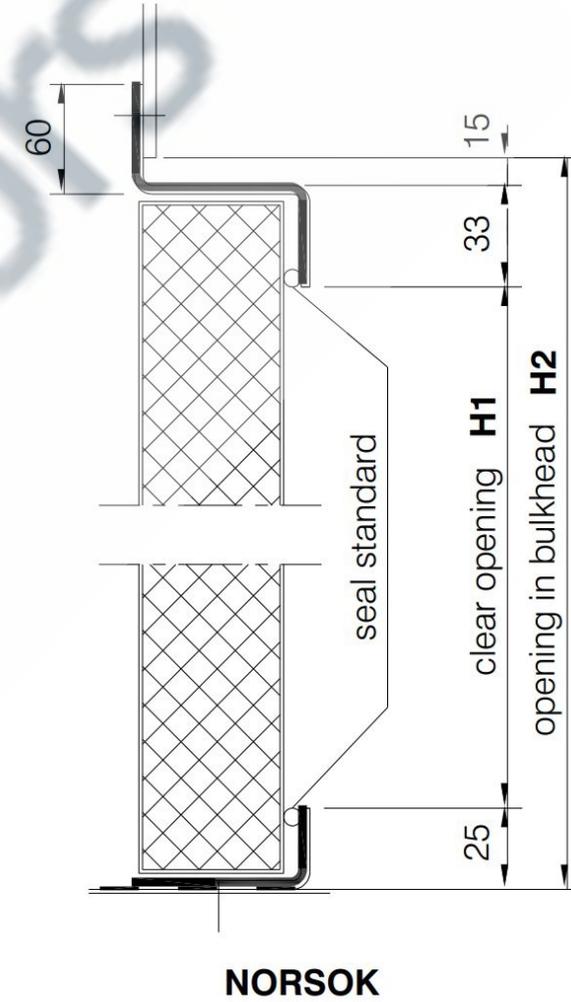
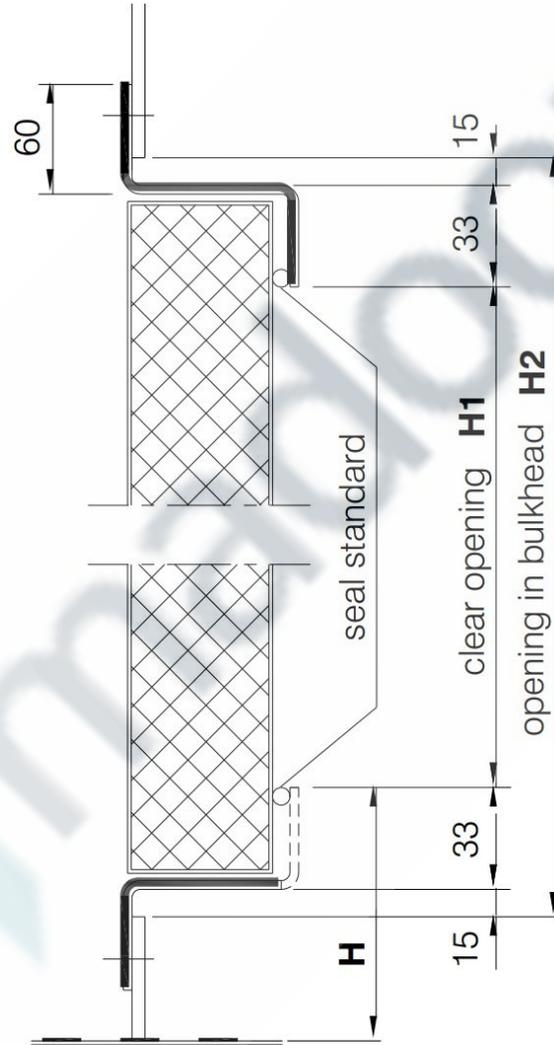
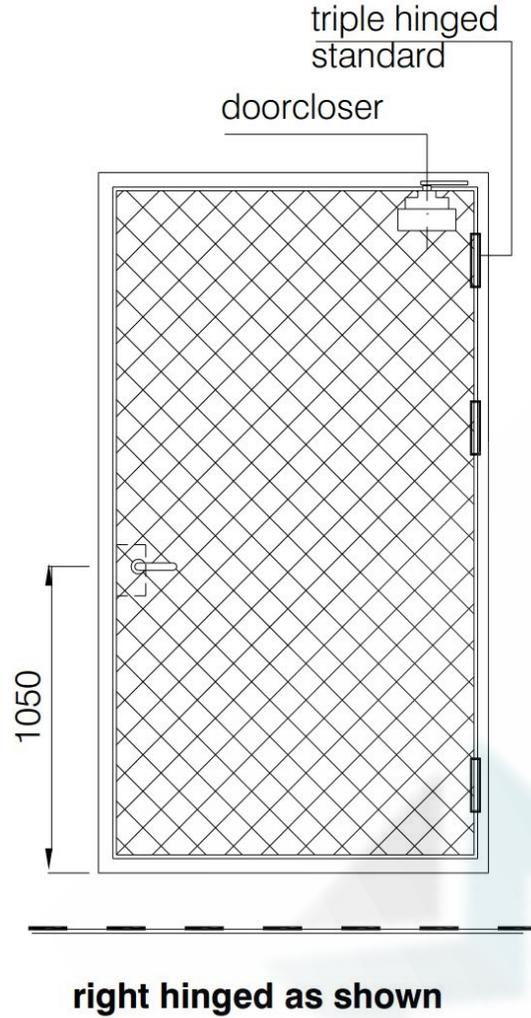
0,07 m³/m² h @50Pa

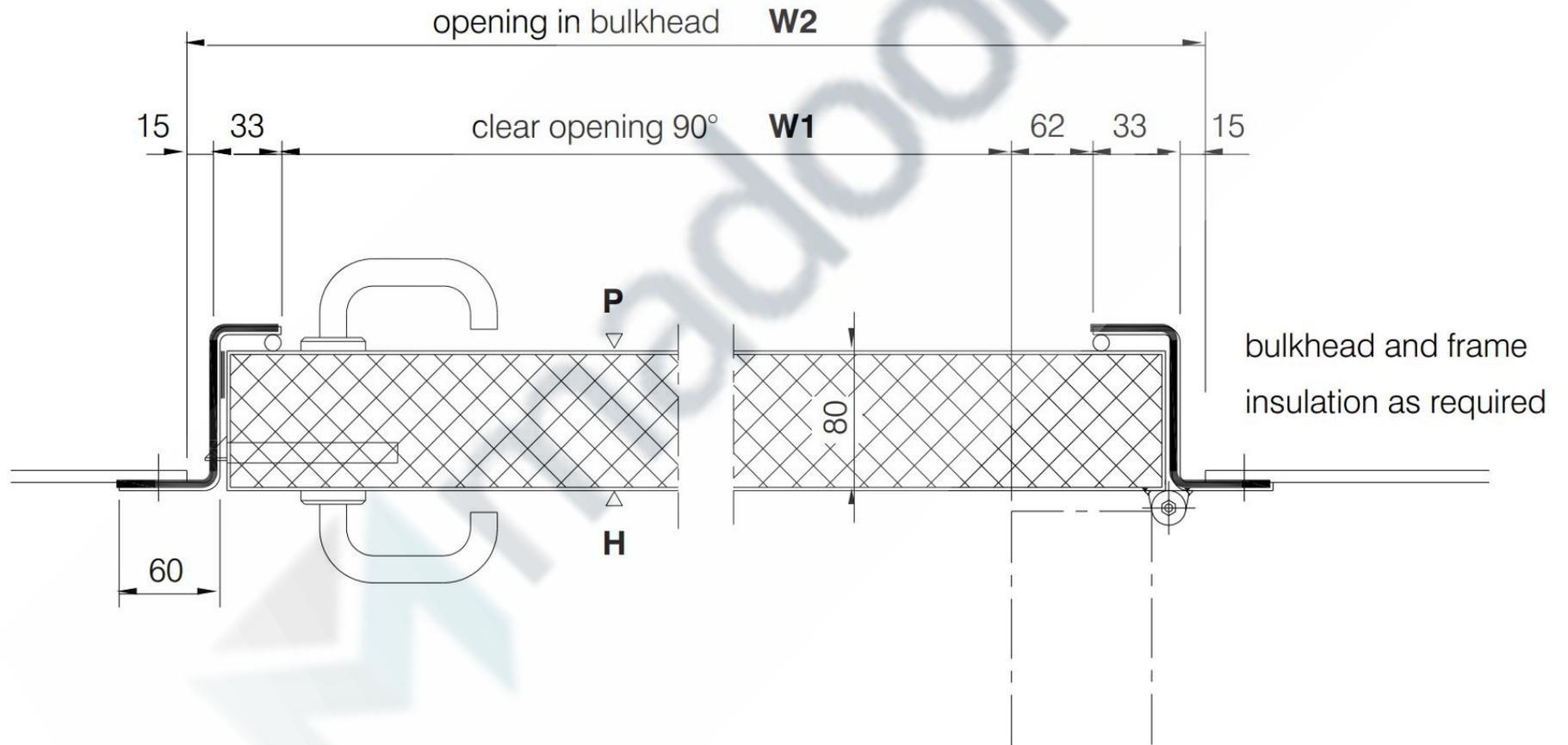
U = 0.8 W / m²K

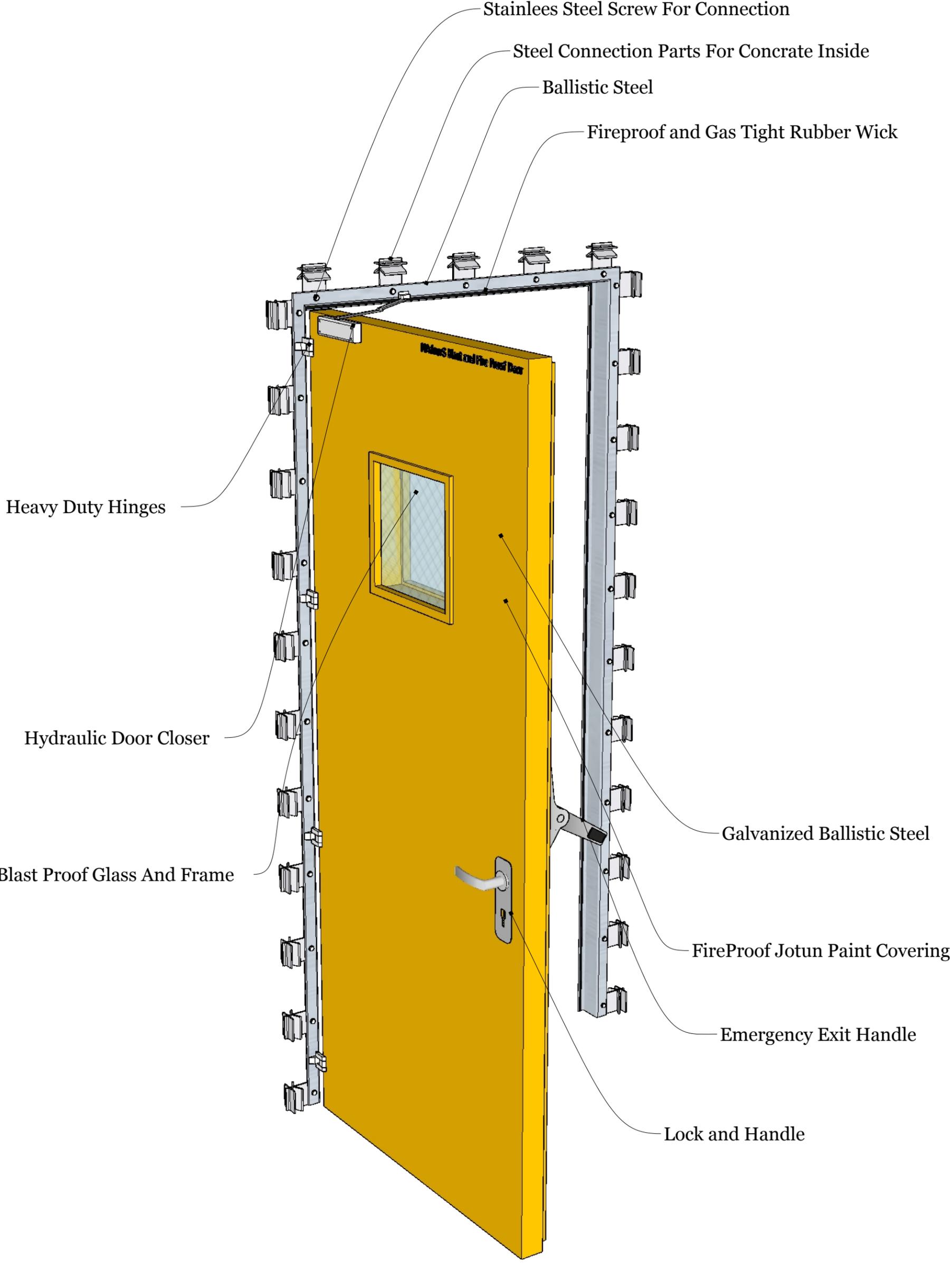
Customized

0 to 2 bar







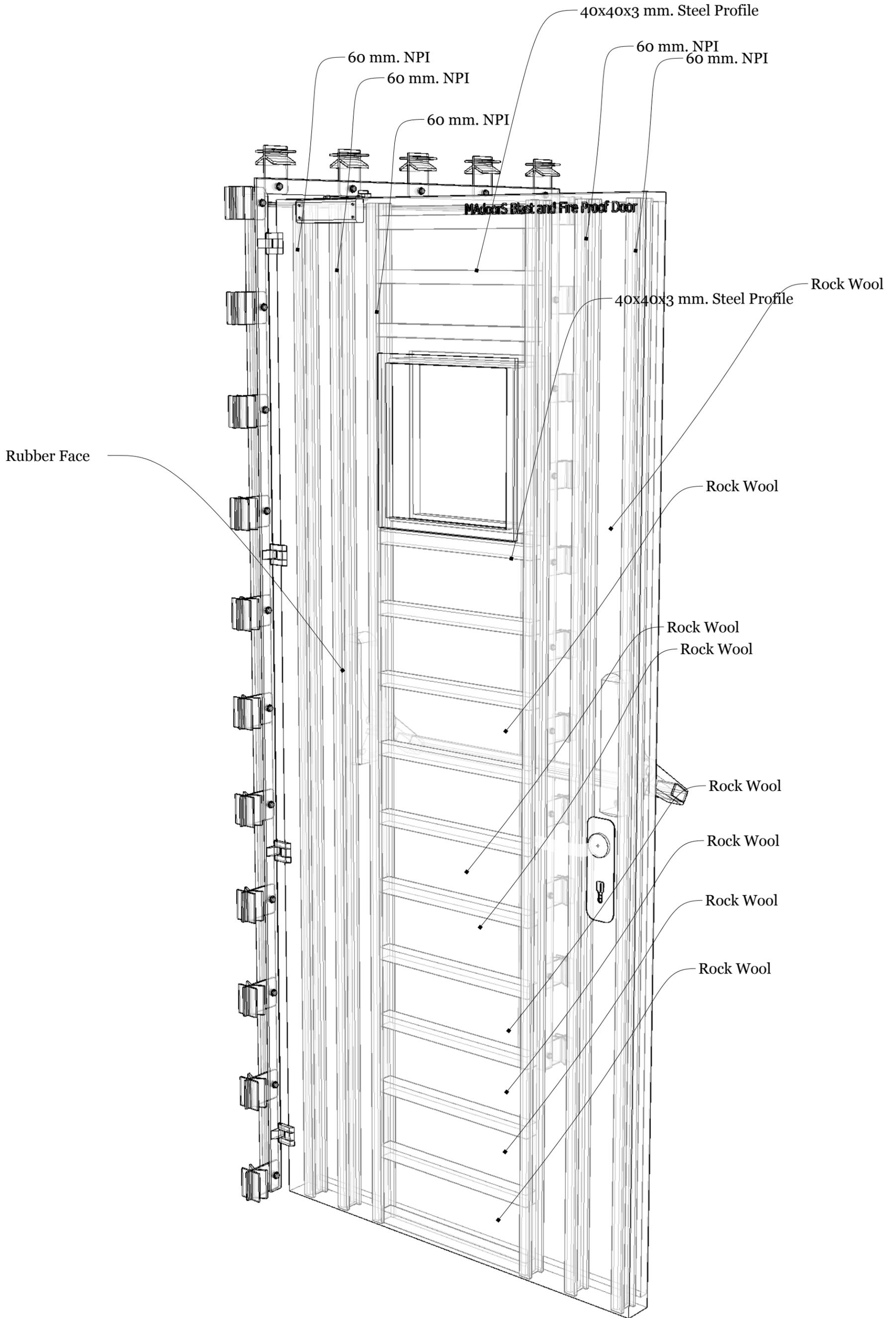


MAdoorS System Manufacturer Company

Blast And Fire Proof Doors

| REVISIONS | |
|----------------|---------|
| MM/DD/YY | REMARKS |
| 1 --/--/-- ... | |
| 2 --/--/-- ... | |
| 3 --/--/-- ... | |
| 4 --/--/-- ... | |
| 5 --/--/-- ... | |

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Blast and Fire Proof Door

REVISIONS

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| 1 | |
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