



0.1 Bar Between 17 Bar Explosion Pressure Resistant Door Systems

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

Heavy Duty , double leaf, hinged, external weather 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 2x3 hinges welded or bolted. Customized a continuous hinge,bolted.

Hardware

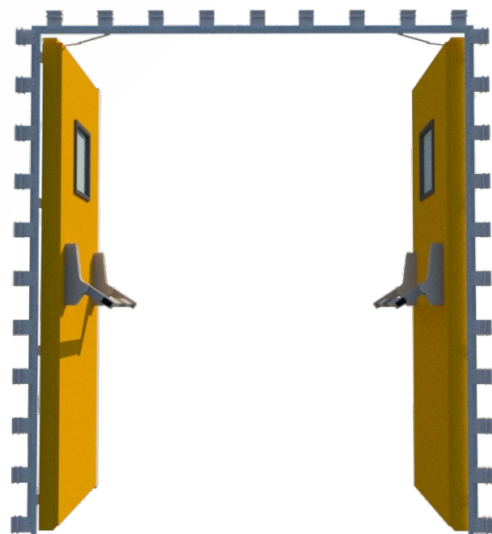
Heavy duty Stainless Steel.

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 (1800 x 2100)
Sound Reduction
Gas Tightness
Thermal Insulation
Clear Opening
Blast Resistance

Standard

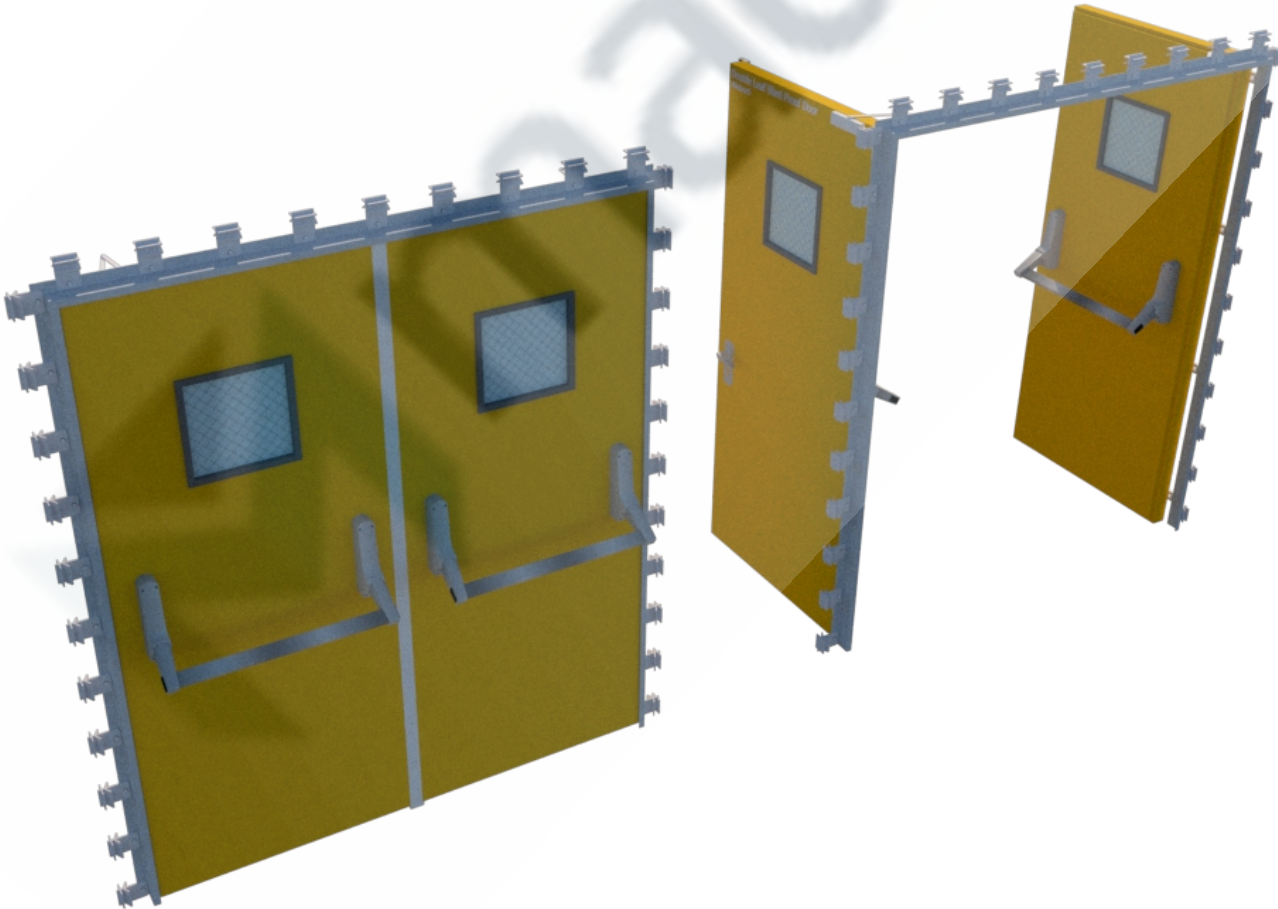
A0-A60
2 mm
80 mm thickness
4 mm
2x3 Hinges
1 Point
295 Kg
RW = 39-47 dB
0,07 m3/m2 h @50Pa
U = 0.8 W / m2K
1800 x 2100
Up to 0.1 bar

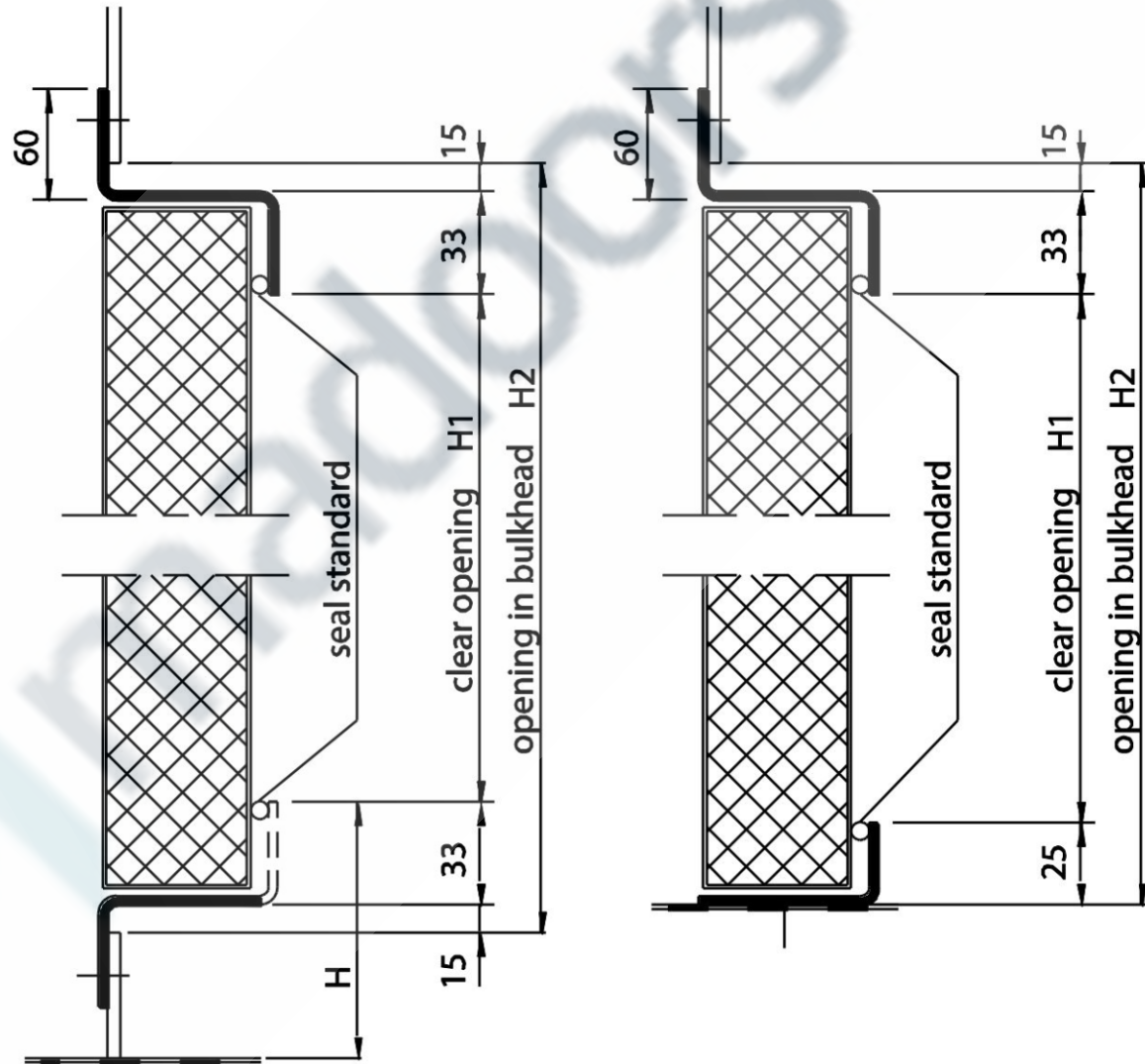
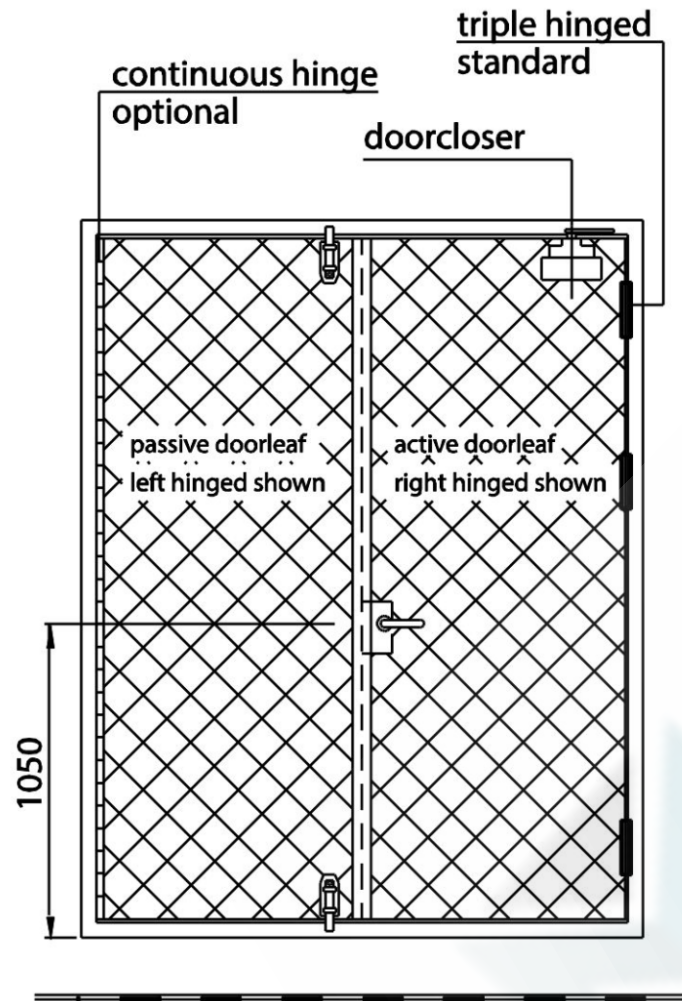
Customized

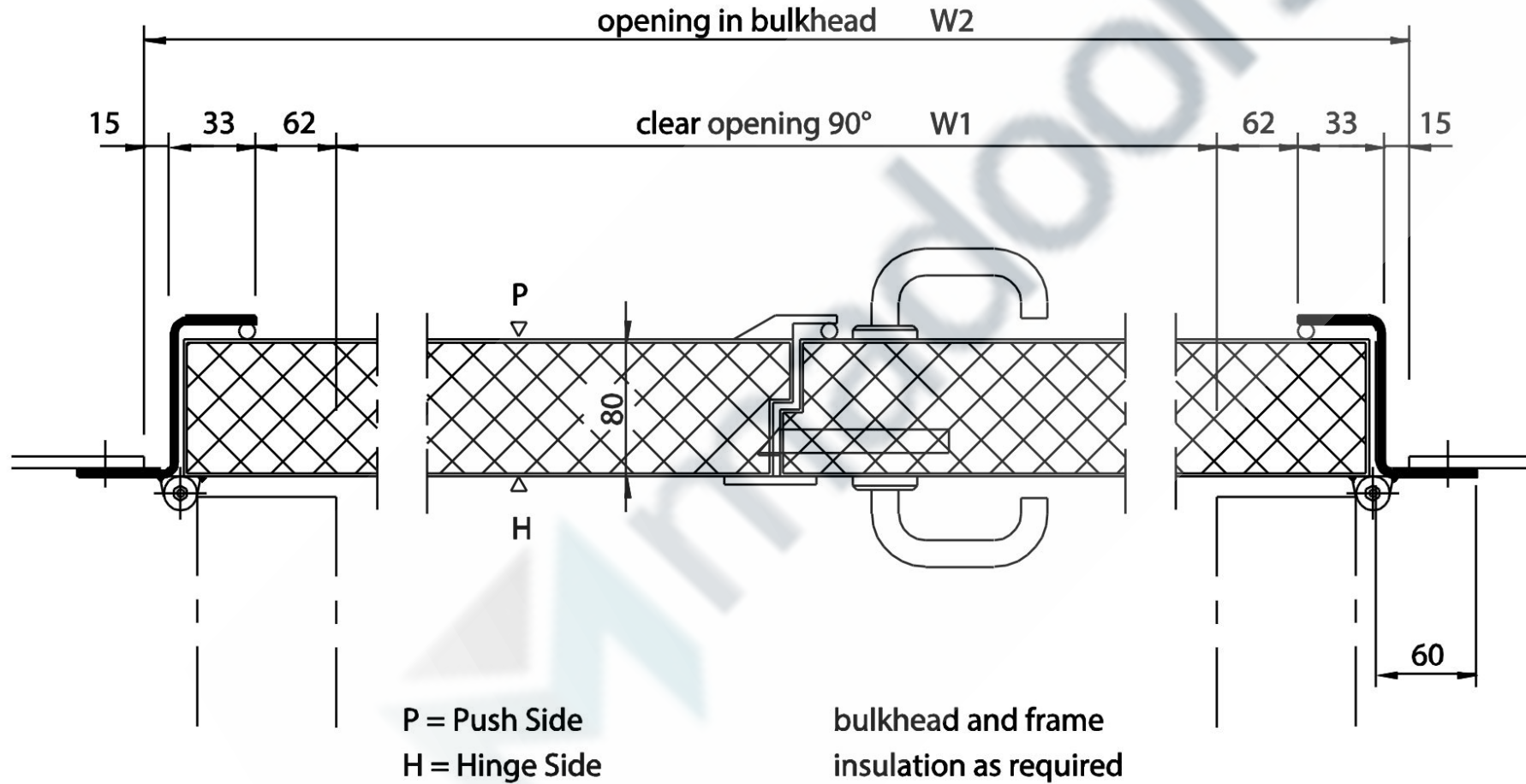
A0-A60
3mm
80 mm thickness
5mm
Continuous Hinge
3 Point
Depends on size
RW = 39-49 dB
0,07 m3/m2 h @50Pa
U = 0.8 W / m2K
Customized
0 to 2 bar

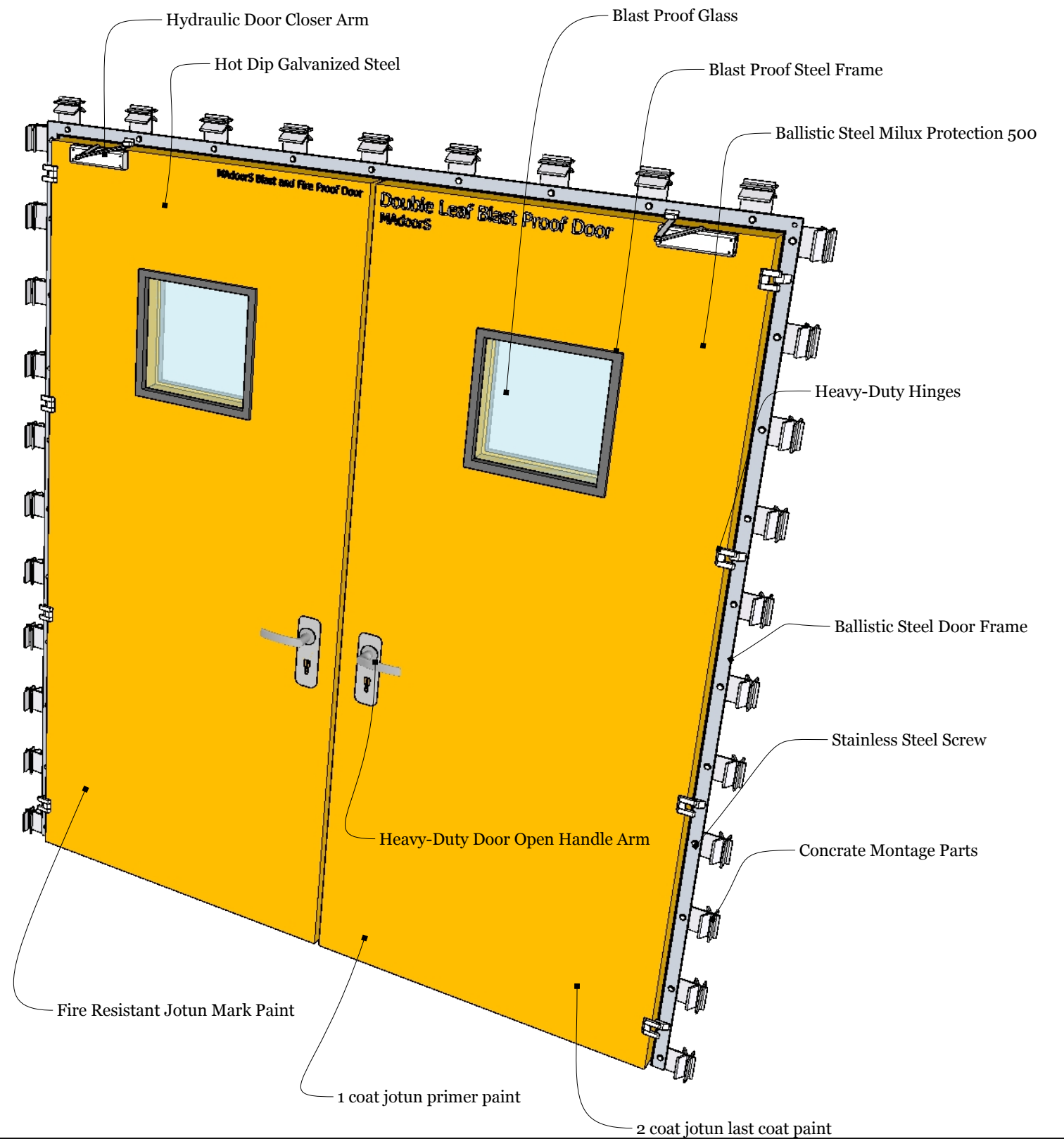
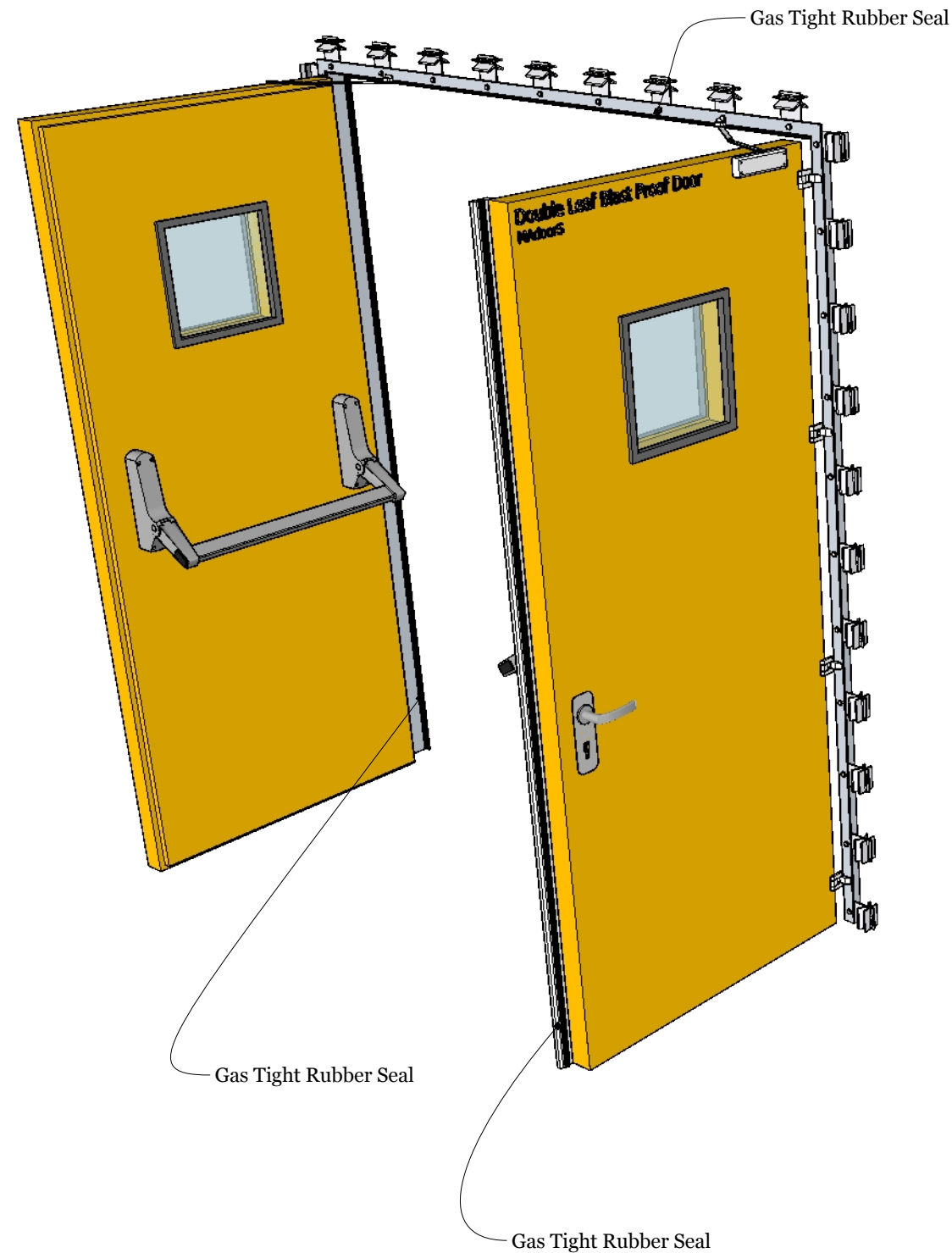
NORSOK

A0-A60
2mm
80 mm thickness
4mm
2x3 Hinges Bolted
1 Point
Depends on size
RW = 39-49 dB
0,07 m3/m2 h @50Pa
U = 0.8 W / m2K
Customized
0 to 2 bar









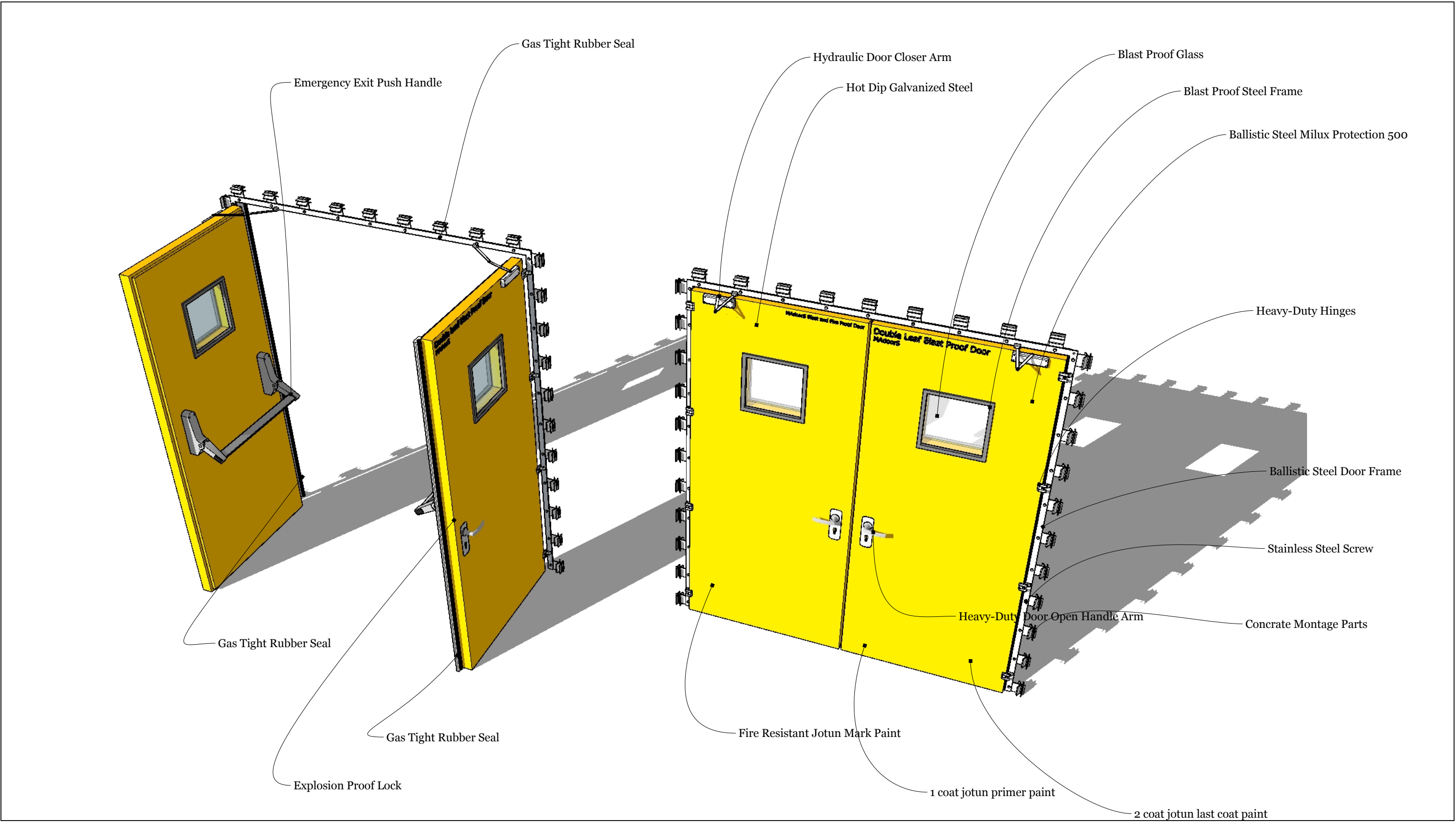
MAdoorS Systems

Double Leaf Blast Proof And Fire Resistant Door

MM/DD/YY	REMARKS
1	MM/DD/YY
2	MM/DD/YY
3	MM/DD/YY
4	MM/DD/YY
5	MM/DD/YY

01

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MAdoorS Systems				01	
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