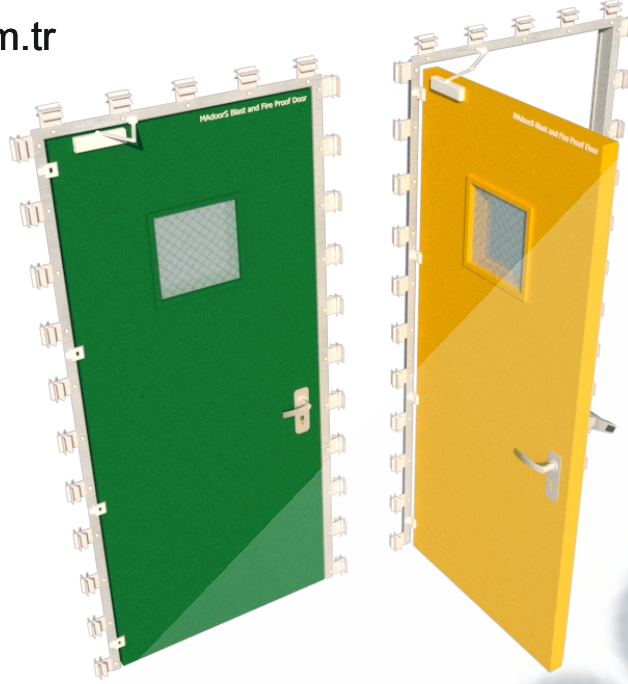


0.1 Bar Between 17 Bar Explosion Pressure Resistant Door Systems



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

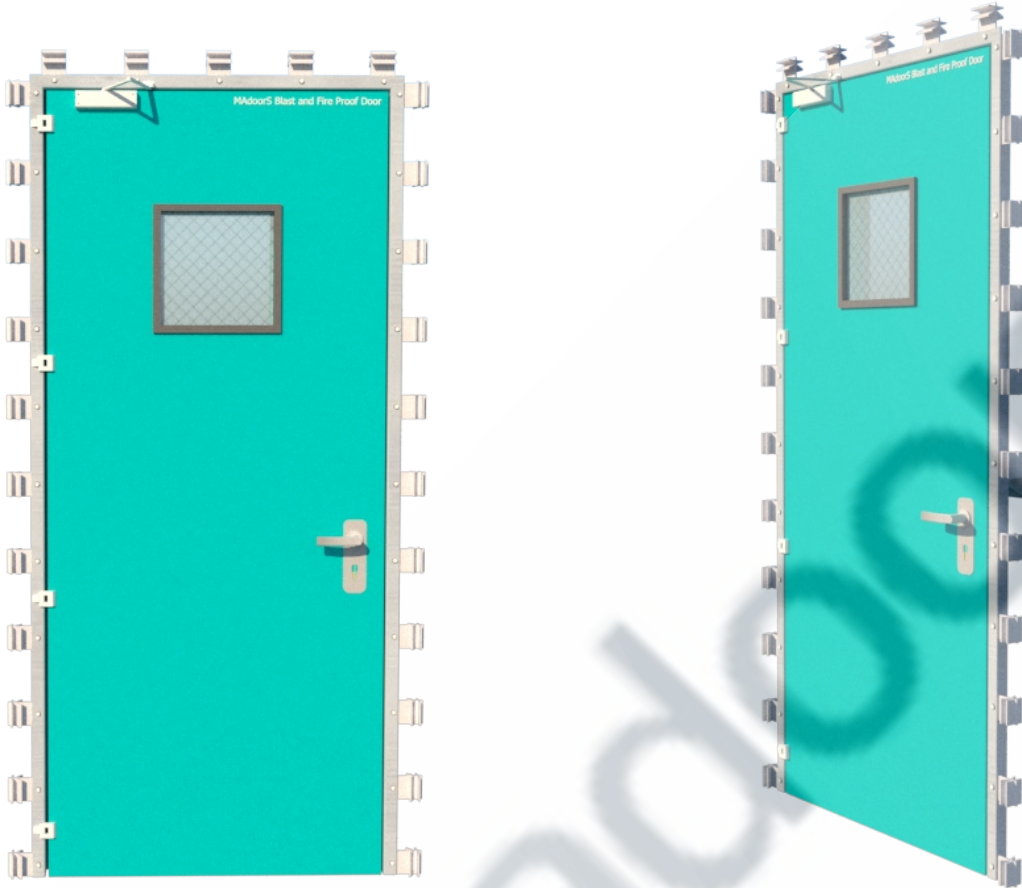
Heavy duty Stainless Steel.

Operation

Manually, Electrically or Pneumatically operated

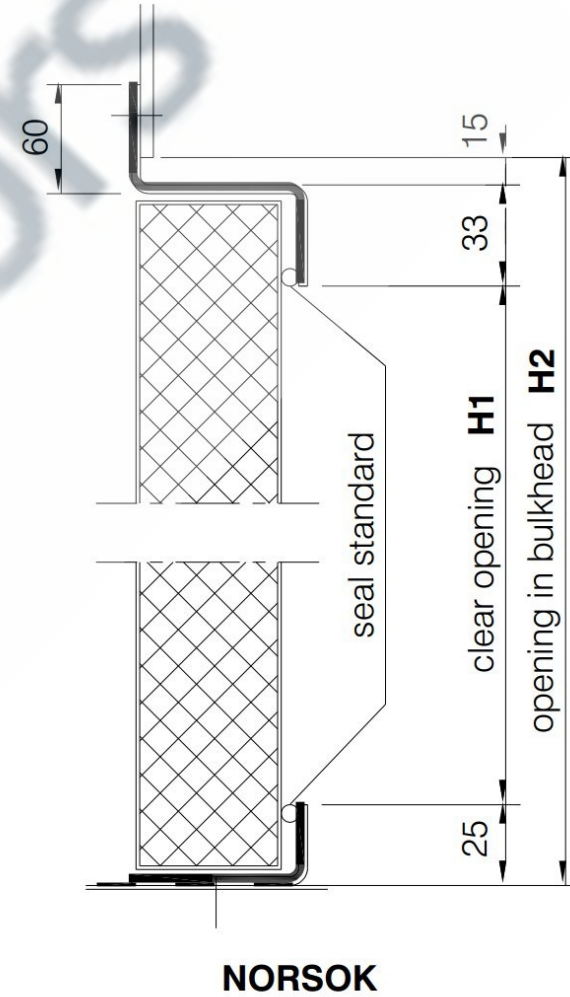
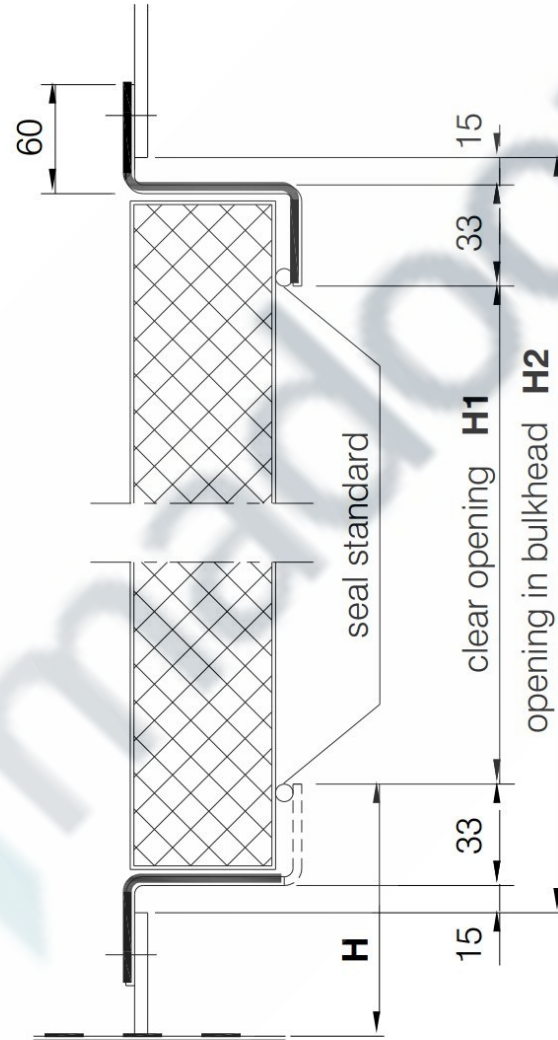
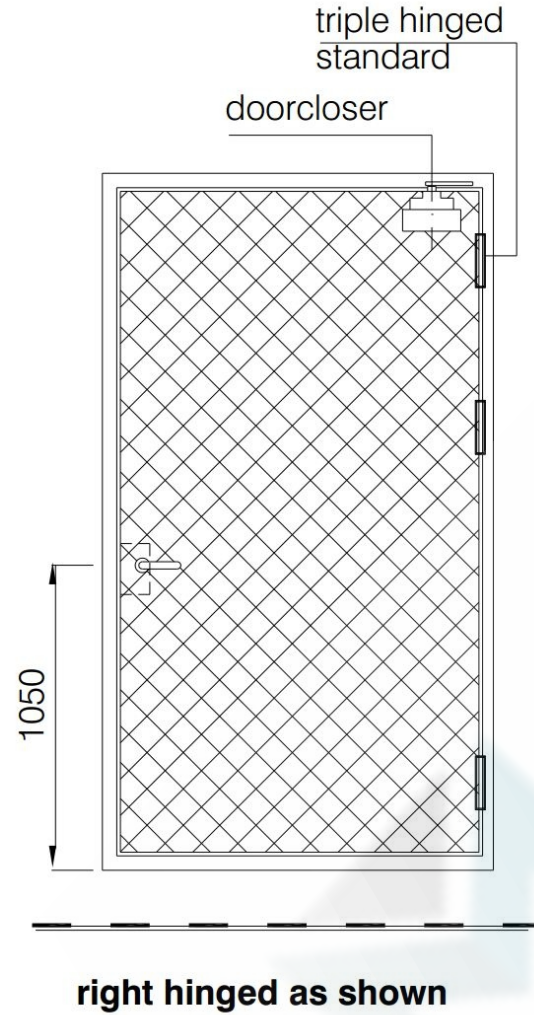
Certification

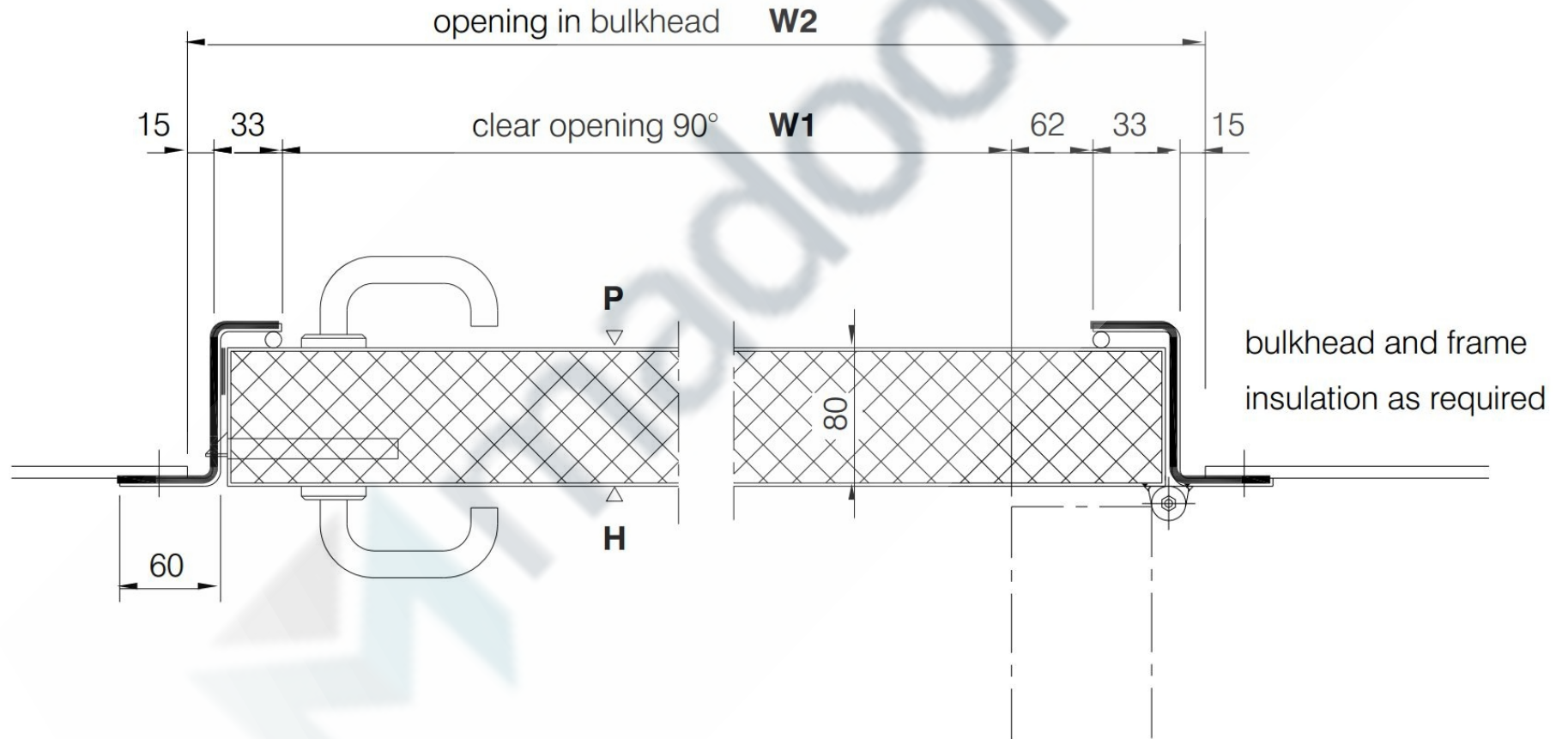
Third part company test certificate (Ansys and LS-Dyna Blast Proof and Termal Resistant Test Report than labrotory)

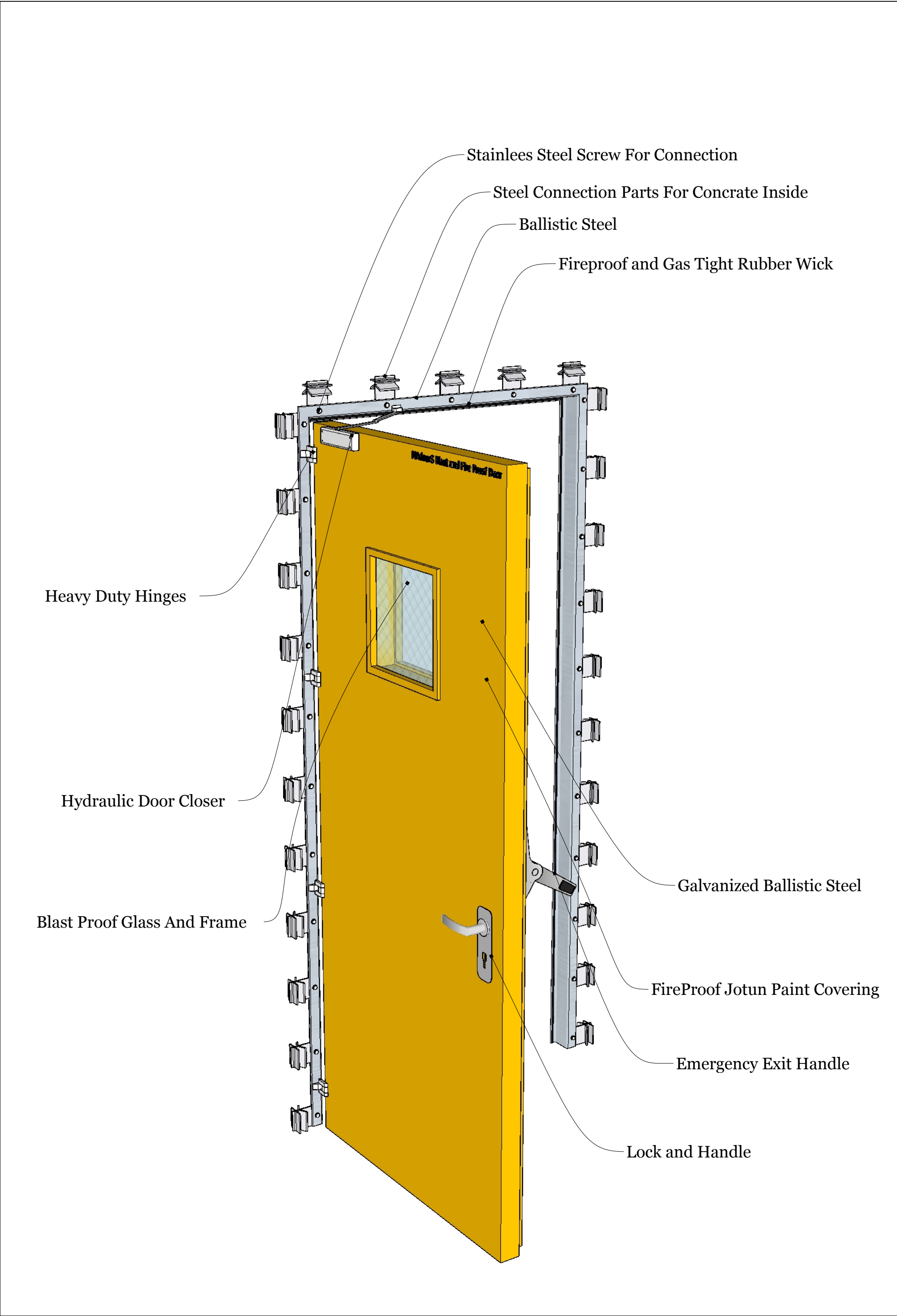


Characteristics

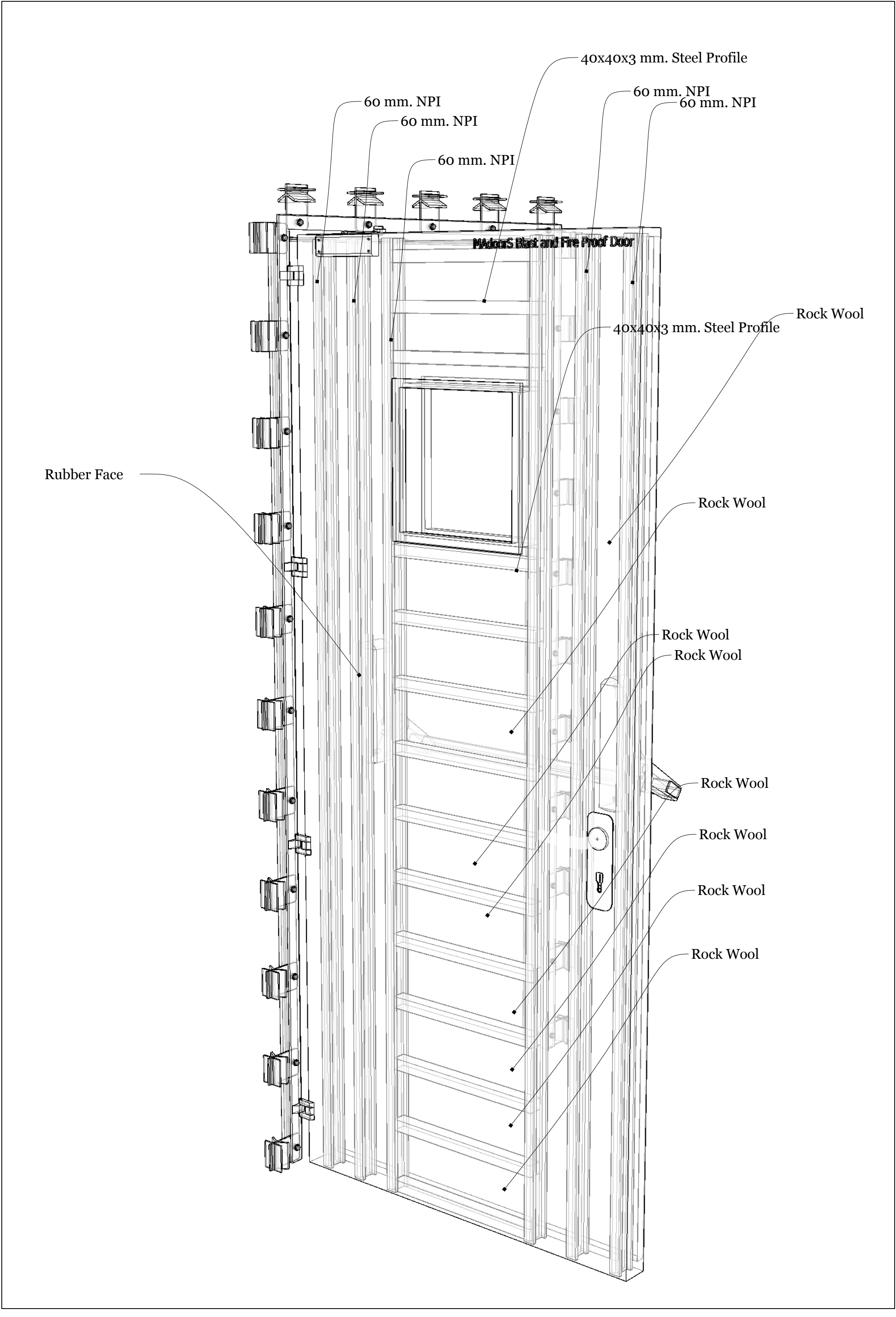
	<u>Standard</u>	<u>Customized</u>	<u>NORSOK</u>
Fire Rating	A0-A60	A0-A60	A0-A60
Door Leaf plate thickness	2 mm	3mm	2mm
Door Leaf total thickness	80 mm thickness	80 mm thickness	80 mm thickness
Frame	4 mm	5mm	4mm
Hinges	3 Hinges	Continuous Hinge	3 Hinges Bolted
Latch	1 Point	3 Point	1 Point
Weight (900 x 2100)	165 Kg	Depends on size	Depends on size
Sound reduction	RW = 41-44 dB	RW = 41-45 dB	RW = 41-45 dB
Gas Tightness	0,07 m3/m2 h @50Pa	0,07 m3/m2 h @50Pa	0,07 m3/m2 h @50Pa
Thermal Insulation	U = 0.8 W / m2K	U = 0.8 W / m2K	U = 0.8 W / m2K
Clear Opening	900 x 2100	Customized	Customized
Blast Resistance	Up to 0.1 bar	0 to 2 bar	0 to 2 bar







MAdoorS System Manufacturer Company	Blast And Fire Proof Doors	REVISIONS		A 01
		MM/DD/YY	REMARKS	
		1	--/--/-- ...	
		2	--/--/-- ...	
		3	--/--/-- ...	
		4	--/--/-- ...	
		5	--/--/-- ...	



MAdoorS System Manufacturer Company	Blast and Fire Proof Door	REVISIONS		A 02
		MM/DD/YY	REMARKS	
		1 --/--/--	...	
		2 --/--/--	...	
		3 --/--/--	...	
		4 --/--/--	...	
		5 --/--/--	...	