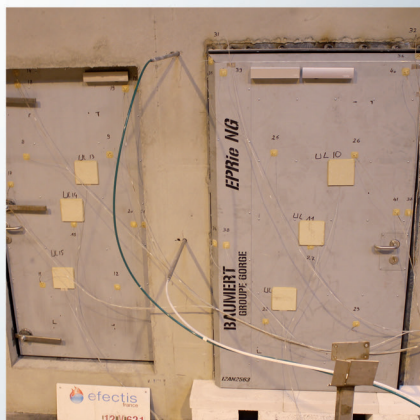


TALOS

HIGH SECURITY DOOR

PRESENTATION

2-in-1 door
Custom made
Multirisks protection door



FIRE RESISTANCE

EI, 60
E 180
UL 180

BLAST PROTECTION

350 mbar

BULLET-PROOF

Level 4

SEISMIC LOAD

UBC 97 - 4 g

BURGLAR PROTECTION

CR3, CR4, CR5



INDUSTRY & REFERENCES

This type of door is intended to nuclear, petrochemical and construction industries. These doors are principally installed in AP1000 nuclear power plant in Sanmen and Haiyang (China).

TECHNICAL INFORMATION

- Steel sheet on both sides, electroplated steel with coating finish, 1 leaf or 2 leaves, assembled by welding and bolting
- The frame is composed of an angle bracket in painted steel, fitted with connectors (if laying by sealing)
- Opening by adjustable hinges (3 hinges per leaf)
- Gasket in self-extinguishing neoprene

IMPLEMENTATION

- Possibility to weld or screw the frame on civil work by using pre-sealed anchor plates

EQUIPMENT

- Door closer
- 3 points lock
- Removable central mullion for double leaves door
- Security bolts

OPTIONS

- Finition : galvanization Z600 + 3 layers of decontaminable painting
- Lock with panic function / electromechanical lock for acces control.
- Egress door (with panic bar)
- Position switch (open/door)
- Lock switch (locked/unlocked)

STANDARD FEATURES

REQUIREMENTS	RÉSULTATS	NORMS
Fire-resistance	60 min according to EI ₁ classification 180 min according to E classification	EN 13501-2
	180 min according to UL classification	UL 10C
Bullet proof	Level 4	UL 752
Burglar protection	CR3, CR4, CR5	EN 1627 - 1630
Fatigue test	600 000 cycles (60 years)	/
Design calculation	Up to 350 mbar	Eurocode8 Specific spectra
	4 g for any direction forces	UBC 97 and ANSI/AISC 360
Blast protection	350m bar	ASTM F2247-11

DIMENSIONS

		MIN.	MAX.
1 leaf	Width*	23.62 in (600 mm)	48.23 in (1225 mm)
	Height*	62.99 in (1600 mm)	96.45 in (2450 mm)
2 leaves	Width*	23.62 + 23.62 in (600 + 600 mm)	39.37 + 39.37 in (1000 + 1000 mm)
	Height*	62.99 in (1600 mm)	96.45 in (2450 mm)

* Free opening – other dimensions on demand