03/11/2026

Data Sheet

Pacific 6ST High Security Door

Pacific Doors offers a range of Security door sets that have been named the 'Protector' series.

These door sets are designed with the intention of 'Keeping Out' any intruder on the basis that they may try to attain entry using a variety of methods such as guns, explosives, or hand tools. Many of these door sets come with a certified fire rating to provide an additional level of security.

Description

The Pacific 6ST is a high level security door set with tested resistance to forced entry, ballistic, blast, and fire threats. The side hung single leaf steel door is fitted with a Mottura multiple bolt locking system. The door leaf is hung on fully mortised institutional hinges in a steel frame. The Pacific 6ST is suitable for applications where very high levels of security are required.

Product features:

- Single leaf only
- 120min fire rating
- Multipoint locking system
- Suitable for both interior and sheltered exterior use
- Compatible with timber stud and masonry wall
- Security tested to ENV 1627-30:1999 standard
- Ballistic tested to AS/NZS 2343:1997 standard
- Explosive Blast tested to EN 13124:2004 standard
- NZS4520.2010 standard

Typical applications:

- Remote secure stations
- Armouries
- Store rooms with high value or sensitive material

For further information on this product, visit:
https://www.pacificdoors.co.nz/products/security/security-doors/6st

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Product options

Leaf size and wall type

Leaf size
The door set is intended for interior use. The hinge face of the door is the designated attack face.

	Rating	Standard	Description
Burglar Resistance	Class 6	ENV 1627	20-minute attack with a range of hand tools and power tools
Explosion Resistance	EXR 4	EN13124	12kg TNT at 4 metres
Fire Resistance	FFR -/120/-	AS1530.4	
Bullet Resistance	R1	AS/NZS 2343	12 gauge shotgun, 28.35g single slug
Bullet Resistance	EXR 4	EN13124	12kg TNT at 4 metres

Test results apply to a single door only, with the specification and hardware described. The hinge face of the door is the designated attack face.

The thickness of the 6ST door leaf is 62mm with an approximate leaf weight of 125kg/m2.

Wall Type	Fire Resistance Rating (FFR)	Door Application	Max Leaf Height (mm)	Max Leaf Width (mm)
Masonry	-/120/-	Single	2318	1107

Notes:

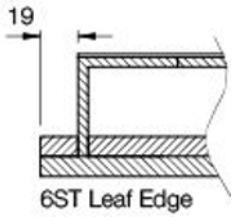
1. This door set has a minimum size of 1686h x 806w.

Wall Types
The complete specification with resistance to burglary, fire, bullets and explosion requires an installation into masonry wall with a fully grouted frame. Alternative installations where lesser specifications are required can be discussed with Pacific Door Systems Ltd.

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Door Leaf Options

Leaf Facings
The attack side face is a ballistic steel plate welded to a steel framework. The areas around the locking components are reinforced with high tensile steel plate.



The non-attack side consists of light gauge steel panels screw fixed to the internal steel framework.

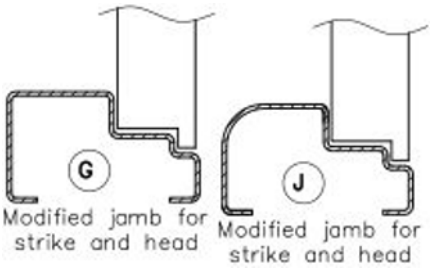
Meeting Stiles
This door set is not available as a pair.

Frame Types and Profiles

Timber Frame
This door set is only available in a steel frame.

Steel Frame
The leaf is hung in a frame of 2.0 mm folded steel.

The fire resistance rating only applies to a door set installed in a masonry or concrete wall with a fully grouted frame. Bullet resistance rating requires the frame to be fully grouted or else to include ballistic protection in the frame.



Standard frames are three-sided only, with no sill. Four-sided frames and/or custom sills may be available on request. For more in-depth information on frame profiles and sizes, please see our Installation Instructions.

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Vision Panel
Vision panels are not currently an option on this door set. Please contact Pacific Doors to discuss your requirements.

Performance

Security Testing
The door set is rated to level 6 of the European ENV 1627-30:1999 “Windows, doors, shutters – Burglar resistance” which is the highest level of the standard. The testing incorporates a static load test with applied loads of up to 1500 kg as well as manual attack for 20 minutes with a range of hand tools and power tools.

Ballistic Testing
The 6ST door set has been successfully tested to AS/NZS 2343:1997 “Bullet-resistant panels and elements” with ratings of R2, R1, and S1. R2 is the most severe rating in the standard.

- R2 7.62mm calibre rifle
- R1 5.56mm calibre rifle
- S1 Shotgun 12 gauge 28g single slug

Explosive Blast Testing
The Pacific 6ST is tested to level EXR 4 of EN 13124:2004 “Windows, doors and shutters – Explosion resistance”.

An explosive charge of 12 kg TNT was detonated 4 metres away from the door.

Thermal Insulation
This door leaf has a thermal insulation rating (R-value) of 0.615 Km2/W.

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