

THOR III UL608 CLASS 2 DOOR

The VSA Thor III Door meets all requirements of the Defence Security Manual for an armoury door.

The Thor III is designed to protect against attack for 1 hour and comes with UL608 Class 2 certification. It's finished with a satin smooth fine grained stainless steel.

The VSA Thor III Door is fitted with your choice of Manifoil MK4, Kaba Mas X-09 or S&G 2740 lock. The Thor III door can be manufactured to any size and in left or right hand opening.

THE THOR III DOOR COMES WITH THE FOLLOWING:

- A micro switch monitoring the state of the locking mechanism position, door mechanism and within the door, monitoring the state of the access panel position.
- A GM560 seismic detector complete with GMXPO mounting plate spot-welded to the door fabric within the door.
- The cable for the seismic and micro switches will be routed between the door and frame through the hinge.
- A mechanical bell is for use in emergencies.
- A heavy duty door stop.



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THOR IV DOUBLE DOOR:



THOR IV DOOR:

The Thor IV Door is the only UL certified double door. The Thor IV Door is available in all shapes and sizes. The Thor IV Door is designed to protect against attack for 1 hour and comes with UL608 Class 2 certification. It's finished with a satin smooth fine grained stainless steel.

VSA Doors are fitted with your choice of Manifoil MK4, Kaba Mas X-09 or S&G 2740 lock and can be manufactured to any size and in left or right hand opening.

VAULT STRUCTURES AUSTRALIA PROVIDE HIGH QUALITY SECURITY EQUIPMENT FOR THE SECURITY INDUSTRY. **WORLDWIDE.**

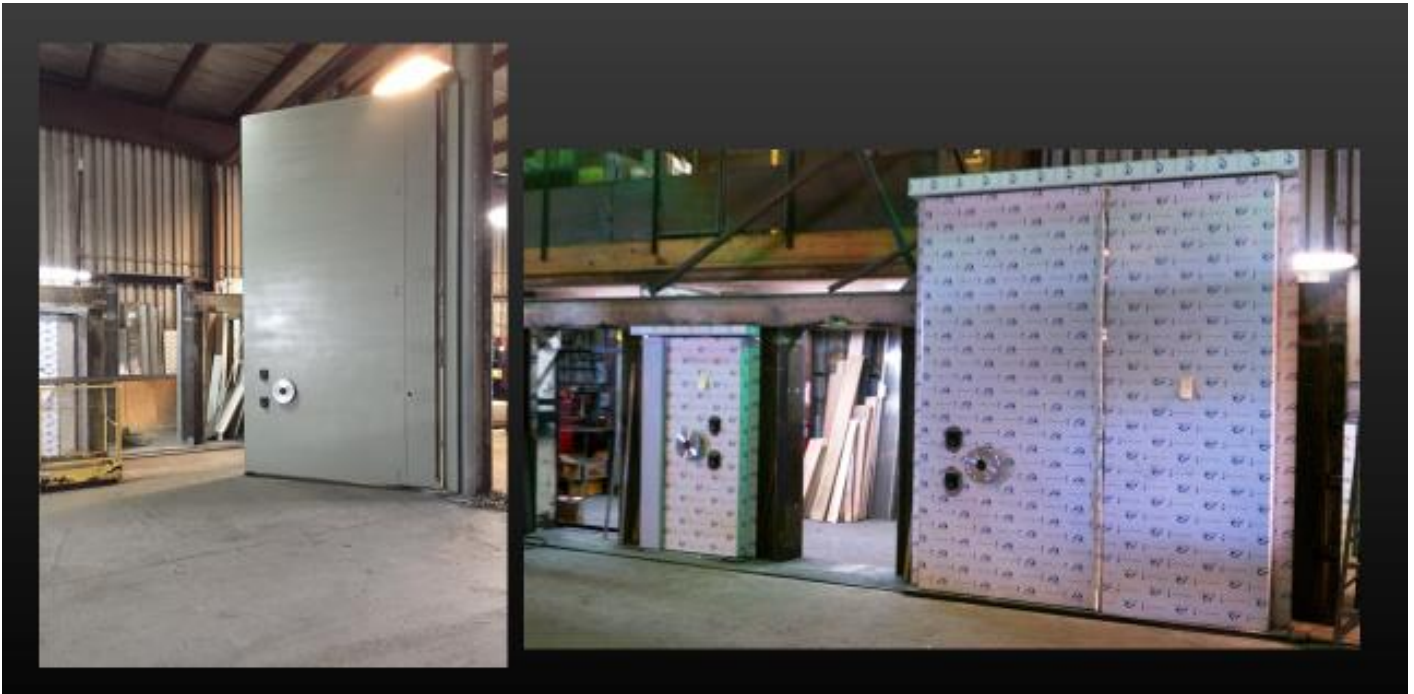
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CUSTOM VAULT DOORS



Custom Vault Doors:

Our Custom Vault Doors are available in all shapes and sizes. Our custom doors are designed to protect against attack for 1 hour and comes with UL608 Class 2 certification. It's finished with a satin smooth fine grained stainless steel.

VSA Doors are fitted with your choice of Manifoil MK4, Kaba Mas X-09 or S&G 2740 lock and can be manufactured to any size and in left or right hand opening.

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Hinged and Sliding Blast Rated Doors

Standard and purpose designed hinged and sliding steel doors designed to withstand high blast pressures

VSA-HBL & SBL doors are designed to withstand blast attack, either as discrete products, or in conjunction with physical attack delay and/or vehicle ram resistance performance.

There are two distinct design methodologies for the design of Blast Doors and the method selected is dependent upon the design information provided by the Client.

Dynamic Design Blast Load Method:

- dynamic peak blast pressure, impulse and duration defined by the client.
- door response criteria defined by the client, i.e. Class I (elastic) or Classes II, III or IV (elasto-plastic).
- door leaf designed for the dynamic blast load using a single degree of freedom (SDOF) numerical analysis such that the response (leaf deformation) is within the client defined limits.
- door hinges, latches, shoot bolts and their connections designed for the rebound forces determined by the SDOF analysis.

Static Design Blast Load Method:

- static seated and unseated pressure defined by the client. Note; in the majority of cases the unseated (i.e. rebound) pressure is 50% of the static seated pressure.
- door leaf designed to take the seated blast pressure and remain in the elastic range.
- door hinges, latches, shoot bolts and their connections designed to take the unseated blast pressure.

VSA Blast Rated Doors – available from 0.15bar to over 15bar.

