

Blast Resistant Door - Request For Quote

Door						Blast Requirements ④						Frame ⑤		Hwr ⑥	
Opening ①					Door	Fire	Seated or Unseated	Load (psi)	Impulse (psi-ms)	Duration (ms)	% Rebound Response	Response Category	Jamb Width	Wall Thickness	Lock Type
Qty	Swing	Width	Height	Material	Type ②	Rating ③									
1															
2															
3															
4															
5															

① Door Swing

Material:
The doors material type (SS- Stainless Steel, CR- Cold Rolled, GV - Galvanized)

Hinges:
Heavy Duty S.S. Hinges 32D

② Glass Type

Glass type will be specified as required to meet the blast requirement.

Glass by _____

Glass provided by Customer

③ Fire Rating - Opening is required to withstand a fire for 1/3, 3/4, 1 1/2 or 3 hour rating.

④ Seated or Unseated

Seated or Unseated is whether door will blast towards the door stop or away from the door stop, please choose one.

Load - Expected loading resistance as generated by a blast in psi

Duration - Blast duration in msec.

Impulse - The amount of psi-msec the door will be exposed to.

Rebound Response- Represents the expected psi capacity the door will be required to withstand in the opposite direction of the blast in percent form.

0% - No rebound response required.

50% - Rebound response is capable of 50% of the specified blast load (psi).

100% - Rebound response capacity is equal to blast load.

Category:

I - No visible damage.

II - Visible damage to the panel, but the door remains operable.

III - Panel is damaged & inoperable, but the door remains as a barrier.

IV- Door panel is severely deformed with openings between the door and frame, but the door remains affixed to the frame.

⑤ Jamb width - Overall width of the frame section profile	Contact Person:	
Wall type - Wall condition the frame will be anchored to (Masonry or Channel or Tube steel)	Title:	

⑥ Lock Type - Panic Device, Single Point Mortise Lock or 3 Point Mortise Lock - S.S. Finish	Company:	
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	Project Name:		Phone:
	Project Location:		E-mail:
	Project Mgr:		Fax:
	Contact Phone:		Date: