

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

(F) Flush (V) Vision (N) Narrow Lite (G) Half Glass (FG) Full glass

Glass type will be specified as required to meet the blast requirement. Please specify if the glass is to be supplied by Deansteel or if you, the customer, will provide the glass.

Glass by Deansteel Manufacturing Inc.
 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:

 www.deansteel.com/bullet_blast 111 Merchant Street • San Antonio, Texas 78204 (210) 226-8271 • (800) 825-8271 • Fax (210) 224-7910	Project Name:	Phone:
	Project Location:	E-mail:
	Project Mgr:	Fax:
	Contact Phone:	Date: