

Blast Resistant Door(s) - Request For Quote

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

① Interior - Secure Area

Exterior - Public Area (Key Side of Door)

Door Swing

Material:

The door(s) will be fabricated with: SS - Stainless Steel, CRS - Cold Rolled Steel, or GV - Galvanealed Steel. The frame(s) will be of the same material. Hinges will be Heavy Duty S.S. Hinges (32D finish).

②

Glazing makeup will be specified by Deansteel to provide the required level of blast resistance. Please note below if the glazing is to be supplied by Deansteel, or if you, the Customer, will provide the glazing.

Glazing by Deansteel Manufacturing Inc.

Glazing provided by Customer

③ Fire Rating - Opening is required to provide fire resistance for 20 minutes, 45 minutes, 1 hour, 1½ hour or 3 hour UL 10C rating.

④

Seated

Unseated

Seated or Unseated blast loading describes whether the door is loaded towards or away from the door stop.

Load - Expected maximum (peak reflected) blast pressure exerted on the door assembly (psi).

Duration - Blast duration in milliseconds (ms).

Impulse - Is a measure of the energy of the blast event (psi-ms).

Rebound Requirement - Represents the expected pressure capacity the door will be required to withstand in the opposite direction of the blast pressure:

0% - No rebound response required.

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

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

Response Category:

I - No permanent damage.

II - Permanent 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 Depth - Overall depth of the frame section profile (typically 5¾ inches)	Contact Person:
Wall Type - Construction: Masonry, Grout Filled CMU or Structural Steel Sub-Frame	Title:
⑥ Lock Type - Panic Device, Single Point Mortise Lock or 3 Point Mortise Lock - S.S. Finish	Company:

 www.deansteel.com/bullet_blast 931 S. Flores Street • San Antonio, Texas 78204 (210) 226-8271 • (800) 825-8271 • Fax (210) 226-0913	Project Name:	Project Location:	Project Mgr:
	Contact Phone:	Phone:	E-mail:
		Fax:	Date: