



BLAST RESISTANT DOOR AND FRAME ASSEMBLY FORM:

RFO OR ORDER Ref. Quote # _____

Date: _____ Customer Name: _____

Job Name: _____

Door Tag(s) & Swing(s): _____

Frame Information

Rebate: (Nominal Door) Width: _____ Jamb Depth: _____ Header Face: _____
 Height: _____ Wall Thickness: _____ Jamb Face: _____

Wall Type: Masonry/CMU OR Poured/Cast Concrete OR Channel/Tube Steel with bolted in frame
 OR
 welded in frame

Door Information

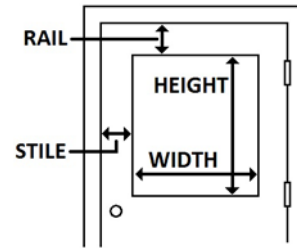
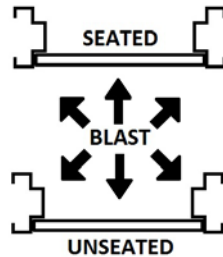
Number of Door Leafs:
 Single
 Pair

Seating: (see below)
 Seated
 Unseated

Flush (no glazing)
 Glazed (see below)

Stile: _____ Rail: _____
 Width: _____ Height: _____

Fire rated _____



Blast Information

STATIC LOADING	OR	DYNAMIC LOADING	OR	DYNAMIC LOADING
Static Pressure: _____		Peak Applied Pressure: _____ AND Duration: _____ OR Impulse: _____		Weight of TNT: _____ AND Standoff: _____

Rebound: (select one) 0% OR 50% OR 100% OR True (Dynamic Loading Only)

Performance Requirement: (select one)

	End Rotation	Ductility	Description	
<input type="checkbox"/>	Category I	1.2	1	No permanent deformation and hardware remains operable.
<input type="checkbox"/>	Category II	2	3	Minor permanent deformation and hardware remains operable
<input type="checkbox"/>	Category III	8	10	Major permanent deformation and hardware may be inoperable
<input type="checkbox"/>	Category IV	12	20	Severe permanent deformation and hardware may be inoperable

Hardware

PROVIDE PROPOSED HARDWARE SETS FOR REVIEW BY AMBICO. HINGES AND LATCHING ARE CRITICAL COMPONENTS IN BLAST RESISTANT FRAME & DOOR ASSEMBLIES AND, WHEN REQUIRED, WILL BE SUPPLIED BY AMBICO.

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Blast Resistant Door and Frame Order Form Instructions

Items marked with an asterisk (*) below are required for quotation purposes. All items must be filled out when placing an order.

1) General Information

- a) Fill out date, customer, job name, door tag(s) and swing(s) at the top of the form. Note that the order form only applies to more than one door tag when multiple door tags are identical.
- b) Check either “Quote” or “Order”

2) Frame Information

- a) Frame Dimensions
 - i) Enter “Rebate Width” *
 - ii) Enter “Rebate Height” *
 - iii) Enter “Jamb Depth”
 - iv) Enter “Wall Thickness”
 - v) Enter “Header Face”
 - vi) Enter “Jamb Face”
- b) Wall Information
 - i) Check one of “Masonry/CMU” or “Poured/Cast Concrete” or “Channel/Tube Steel”
 - (1) If “Channel/Tube Steel” check “bolted in frame” or “welded in frame”

3) Door Information

- a) Check “Single” or “Pair” *
- b) Check “Seated or “Unseated” *
- c) Check “Flush” or “Glazed” *
 - i) If the door is glazed provide dimensional information as per the diagram. Note that the dimensions provided will be the cutout in the door face (not the clear opening).
- d) If a fire-rating is required, check “Fire rated” and provide the fire rating required.

4) Blast Information. Note: Only one of a) or b) or c) below are required.

- a) Fill out “Static Pressure”*

OR

- b) Fill out “Peak Applied Pressure” and “Impulse” or “Peak Applied Pressure” and “Duration” *

OR

- c) Fill out “Weight of TNT” and “Standoff” *
- d) Check one of “0%”, “50%”, “100%”, or “True” for rebound. Note that true rebound does not apply to static loading.
- e) Check one of “Category I”, “Category II”, “Category III”, or “Category IV” for performance requirements *