



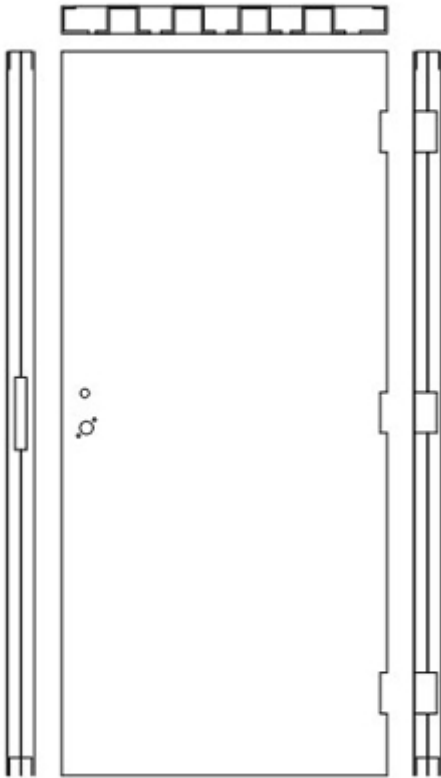
Made In USA

Distributor of High Security Doors & Locks

GUARDIAN SECURITY STRUCTURES

Delivering the Best
High Security Doors - Safe Room Doors
Blast Resistant Doors - Bullet Resistant Doors

STATIC LOADING – BLAST DOOR



1. Door Assemblies are designed to resist exterior blast pressures, minimum, Door Stiffness: Class 1 per ANSI A250.13 and A250.8, physical performance Level A, with welded edges.
2. Our 4'0 x 8'0 "MegaBlast" Door Assemblies have successfully passed a peak Static Pressure Loading of 9.1 PSI with a duration of 52 msec using the Single Degree of Freedom Blast Effects Design Spreadsheet sponsored by the U.S. Army Corps of Engineers Protective Design Center for UFC 4-010-01 requirements. This credential includes glazing options that passed this Blast test.
3. Acceptable performance of metal doors under blast loading may be demonstrated through equivalent static testing using the methodology in ASTM F2247 – 2011.
4. Laminated glazing used in doors may be shown to resist blast loading through static analysis using the 3-second duration load from ASTM F2248 – 2012 and the analysis methodology in ASTM E1300 – 2012ae1.
5. Compliance with forced entry requirements may be demonstrated through testing in accordance with DoS SD-STD-01.01, Revision G.

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