



Engineering in Motion

BLAST RESISTANT & SHIELD DOORS



**B
L
A
S
T

A
N
D

S
H
I
E
L
D
D
O
O
R
S**



Blast resistant doors

Electric Power Door designs and manufactures heavy-duty swinging, sliding, and vertical lifting blast resistant doors. Blast doors are custom engineered to handle all situations from very low to very high range blast loads. These doors can be provided with power operators, special hardware, weathering, subframes for imbedding, and other optional equipment.

Fire labeled, Blast Resistant Doors are available in single and double swing styles for low- and mid-range blasts. They carry a three-hour label and have been tested in accordance to ASTM E-152, CAN4 S-104, CSFM, 12-43-4, NFPA 252, UBC 43.2 and UL-10b standards. For additional protection interior insulation can be provided to reduce the exterior temperature rise to the lowest value measured in the industry.

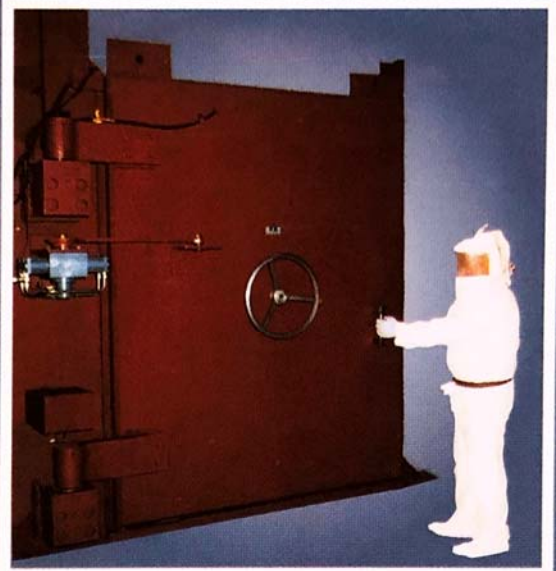
Due to the special requirements and often times critical nature of the facilities where blast and pressure resistant doors are needed, we request you contact us for technical information and details.

Shield doors

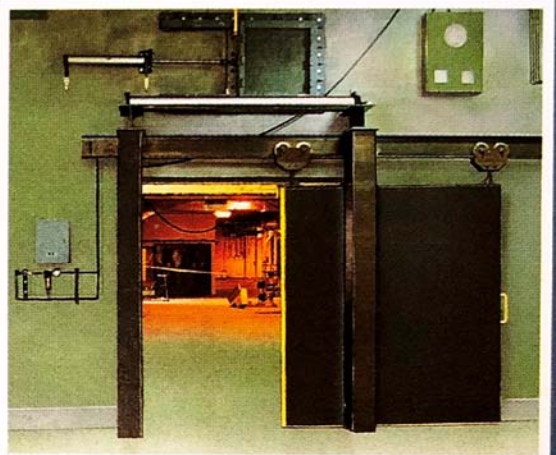
Shield doors are generally utilized in radiation protection applications and custom designed to fit the project requirements. Shield doors can be swinging, top-hung horizontal sliding, bottom rolling horizontal sliding, or vertical sliding and are furnished complete with panels, guides, hardware, opening frames (for swing doors), controls, and operators.

Shield doors are generally constructed of heavy-duty structural steel shapes and/or steel plate. Other panel construction includes the use of structural steel framed panels filled with lead, borated polyethylene or concrete.

Hydraulic or electromechanical operating systems are available for power operation. Special seals such as for RFI/EMI requirements can be provided.



HIGH-RANGE BLAST RESISTANT DOOR



SLIDING BLAST RESISTANT DOOR



FIRE RATED BLAST RESISTANT DOOR

ELECTRIC POWER DOOR

Division of Broncho Company • 522 West 27th Street • Hibbing, Minnesota 55746

TOLL FREE 800-346-5760 (MN 218-263-8366) FAX 218-262-6478