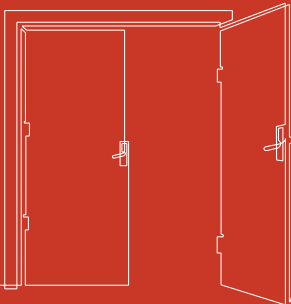




**NAFFCO**  
PASSION TO PROTECT

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B L A S T D O O R S



B L A S T  
D O O R S

# Blast Door

NAFFCO blast doors are designed to block the advance of air blasts waves through passageways into protected areas in blast-hardened civil defense, military shelters & Petrochemicals areas. Doors are made of structural steel with solid homogeneous steel plates and can open and close manually or motorized. Customized flush design of frames allows for easy installation into reinforced concrete walls, and the door plate/frame assembly is formed from an optimized pattern that transfers any blast force to surrounding walls.

NAFFCO Doors are designed to withstand long duration blast loads having a reflected loading pressure of 1.0PSI to 20Bar specially for commercial, Government, industrial & Military applications to protect human life and properties from explosions.

## Blast Resistance level

- Pre-engineered doors  
1.0PSI - 4.5PSI
- Custom Engineer Doors  
1.0Bar - 20.0Bar

## Reference Standards

- ASTM F2927, ASTM -F22471.0PSI - 4.5PSI
- UFC 4-010-01 2018, ASCE 2010 Custom Engineer Doors

## Door construction

- Door are made of formed heavy gauge steel sheet
- Constructed around a custom engineered steel rib core with
- Interior stiffeners as required to protect against
- Specified blast levels.

## Door Hardware's

- Custom designed 3D hinges
- Single or Multipoint heavy duty locking Systems ( Sure locks)
- Door operator – (Motorized / hydraulic/ Pneumatic)
- Sliding operators
- Access control

## Performance combinations

- Blast & Ballistic resistance
- Integrity rating
- Thermal resistance
- Acoustic rating

## Finishes

- Powder coated
- Primer with Epoxy top coat.

## Additional features

- Sliding or swinging types Blast Doors
- Auto door operator for heavy doors.
- Remote operation
- Custom door sizes