

TASKDOOR include :
WOOD DOORS | STEEL DOORS | FRAMEWORKS | SPECIALTY DOORS

Leader in door opening solutions supporting end-user for safety, security and suitability.

Blast Protection & Security Solutions

Total protection from bomb blasts and explosions is not possible. There are steps we can take to easing the extent or likelihood of damage. Blast-resistant doors have long been used; and an increase in blast-type attacks and events has created a need for higher levels of protection in a wider range of applications. With close to 3 decades of experience in the specialized area of security and blast resistant doors TASKDOOR provides an array of products for your unique solution.

Blast-resistant doors are a key factor in easing unnecessary injuries in the event of an accidental or intentional explosion. TASKDOOR is a pioneer in this region designing and manufacturing blast-resistant doors. We offer a full line of blast-resistant doors for all project applications at various protection levels, along with the expertise necessary to timely deliver the appropriate product.

Blast resistant opening solutions were developed to meet government, military, embassy safety and security objectives for blast resistance. Providing extra protection against explosions and excessive force, our blast resistant openings meet or exceed the stringent manufacturing and performance requirements.

Definition : Blast Hazard Definitions

Primary Fragments – are the obvious hazard which consists of flying glass pieces and debris that can travel at speeds of 100 ft/second (68 mph) to excess of 200 ft/second (136 mph).

Blast Pressure – Depending on the blast load and distance from target, the pressures created during an explosion can be extreme. – It only takes 15 PSI to rupture eardrums and cause lung damage.

Secondary Fragments – You cannot always protect against secondary fragments, such as shrapnel, rocks, and dirt which move at high speeds and travel large distances.



Structural Collapse/Damage – Structural collapse occurs when a pressure load is stronger than the actual building components themselves, causing building structure failure. This is the most shattering and lethal.

Anti-Terrorism Force Protection (ATFP)

Anti-Terrorism Force Protection (ATFP), commonly known as blast protection, has increasingly become an area of focus in building/structure design. It is clear that terror attack prevention and protection must be of top national concern. Our awareness and perception of the effects of explosive attacks has been dramatically altered. The main targets for these attacks are government facilities. Protecting buildings and their occupants from the effects of high-power blasts is now a priority of the highest order.

Collateral Damage -Loss of Life, Business Disruption, Property Damage

Blast hazards are not limited to the particular building where the blast event occurs, but also the surrounding area, which is impacted to varying degrees. Many buildings within a few blocks can sustain structural damage and some even collapsed. In city streets, the pressure wave can disperse upwards but much of it will move through the streets, reflecting and rebounding off buildings and pavement as it travels outwards from the origin of the blast.