

### ■ About the company

B-Pro Safeguard, Inc. was created to serve the requirements of the Department Of Defense UFC 4-010-01 and the GSA and to provide the U.S. government the most advanced and cost effective protective glazing systems. The B-Pro products were developed by the world's most experienced engineers in the field and were subjected to a rigorous series of blast and weather testing.

### ■ Blast Mitigation Glazed doors Technology

B-Pro Safeguard offers an extraordinarily sophisticated, patented Energy-Absorbing system approach. This technology utilizes the door frames, glazing, hardware and anchoring system as energy dissipating components. Once hit by the blast wave dynamic loading, those components are gradually deforming, hence absorbing a significant portion of the blast energy which allows the glazed door to stay in the opening and to protect the people within the building.

### ■ Products & Aesthetics

The real-life experience of the B-Pro engineering team which include hundreds of thousands successful installations as well as the developing of numerous blast mitigation windows, doors and curtainwall systems, has provided B-Pro with the expertise in designing and refining the product in order to meet the most demanding architectural criteria while providing the highest level of blast protection required.

### ■ Technical Support and Fabrication

B-Pro Safeguard erected a state of the art plant quipped with modern machinery dedicated for the manufacturing of blast mitigation door systems. The B-Pro team is committed to quality, service and support.

### ■ Blast Rating

B-Pro Blast Levels	A*	B	C	Extreme blast environment
Impulse (psi*msec)	43	85	160	Check with the B-Pro technical support before specifying
Pressure ( psi )	7	35	45	
B-Pro 700	V	V	X	

\*Level A corresponds to the UFC 4-010-01 DoD Min. requirements . where "conventional construction standoff distances are achieved".

### ■ AAMA environmental rating : Air 0.06cfm/ft<sup>2</sup> @ 6.24psf Water 6psf



\*EMRTC Blast Test

### ■ B-Pro 700 Glazed Door

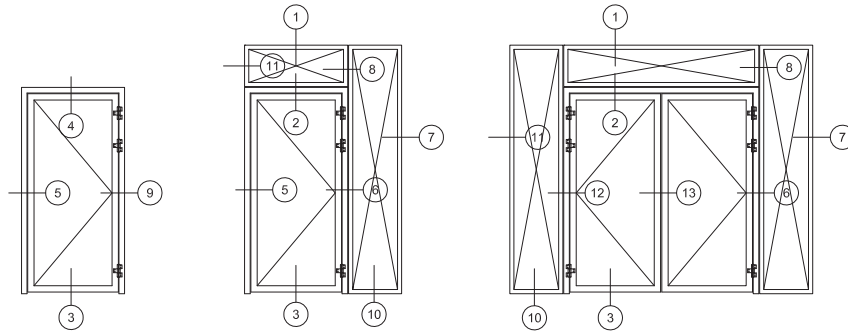
The B-Pro 700 innovative glazed aluminum door was developed to allow the use of a low maintenance, efficient, low cost aluminum glazed door. This is a modular stackable product that can be combined together with the B-Pro 500 to create storefront and entrance units. The B-Pro 700 utilizes high quality durable however easily replaceable hardware. This is a thermally broken glazed aluminum door equipped with Insulated Glass Unit to comply with any blast door specification.

# B-Pro 700

## GLAZED AL DOOR

### ELEVATIONS AND DETAILS

#### ELEVATIONS



#### DETAILS

