

ARMORTEX® BLAST MITIGATION WINDOWS



625 BL

LP 225 PROJECTED

In an increasingly unfriendly world we are seeing the growing use of explosive devices as tools of terrorism. Governments as well as private industry have developed new standards to address the threats to facilities and occupants. For blasts to be effective they must be close to the chosen target. Though it is not always possible to control the setback or standoff distance, windows and doors can be designed to mitigate most blast incidences. With these designs blast mitigation can be achieved to lessen injury and loss of life.

ARMORTEX® now offers two product groups of blast windows, all of which are thermally broken. Our model 625 BL blast mitigation window protects against high blast overpressure up to 42 psi. Our model 625 BL/BR is also available for both blast and bullet resistant protection up to .30 cal. armor piercing. The model 625 windows are designed for commercial, industrial, military or Department of State applications. Additionally available from ARMORTEX® are our LP blast windows with low over pressure limits of 6 psi in compliance with the UFC 4-010-01 January 2007, GSA -TS01-2003 and ASTM F 1642-04. These models are LP 225 Projected, LP 225 Fixed, LP 400 Single Hung and LP 400 Fixed. A typical application for this type of window may be military bases, GSA facilities or other occupied public structures.

ARMORTEX® BLAST MITIGATION WINDOWS



625 BL

LP 225 FIXED

ARMORTEX® BLAST MITIGATION THERMALLY BROKEN WINDOW MODELS

Model 625 – High Over Pressure

625 BL, 42 psi, 300 msec, frame depth 6.25", maximum glazing cavity depth 2.875", engagement 1.75"

625 BL/BR, 42 psi, 300 msec, .30 cal. Armor Piercing, maximum glazing thickness 2.875", engagement 1.75"

Model LP – Low Over Pressure

All tested to UFC 4-010-01 January 2007, GSA-TS01-2003 and ASTM 1642-04

LP 225 Projected out, frame depth 2.25", maximum glazing thickness 1.00"

LP 225 Fixed, frame depth 2.25", maximum glazing thickness 1.00"

LP 400 Single hung, frame depth 4.0", maximum glazing thickness 1.00"

LP 400 Fixed, frame depth 4.0", maximum glazing thickness 1.00"