

OBEXION BLAST BLIND

FEATURES

- Blast protection through pressure absorption
- Impressive core durability
- No compromise on design with interior installation



PROTECTION AGAINST:



Forced Entry:
Bodily Force

Mitigation of opportunist intruder attempts using manual or bodily force including tools.



Forced Entry:
Power Tools

Protecting against deliberate forced entry of premises using mechanically-enhanced power tools.



Blast

Planned attacks by experienced professionals on properties using high volume explosives.

Intelligently manufactured as mitigation against blast and explosives, the Obexion Blast Blind ensures a secure internal space in worst-case scenarios. Offering a unique layer of protection to properties that require mitigation against explosion, the blind is manufactured with impressive core durability designed to absorb the pressure of the initial blast. Internally fixed, the reflective pressure from shattering glass will trigger the blades to automatically close, securing the inside space from debris and glass shrapnel from entering.

Subject to meticulous standards, the Obexion Blast Blind has successfully endured blast performance scenarios of 100kg and 500kg TNT Equivalent. Rapid and controlled deflection combined with the seamless integration with existing building design, the Obexion Blast Blind offers a high-performance security measure to effectively protect both people and property from explosion.

ADDITIONAL

High performance yet unobtrusive security measure.

Mitigates serious threat of shattered glass, the largest cause of injury in such an incident.

OBEXION BLAST BLIND

SUITABLE APPLICATIONS INCLUDE

- High risk buildings
- Government & Defence facilities
- High profile Healthcare Institutions

CONFIGURATIONS

Single Gate (left or right hand hung)
Double Gate
Fixed Grille
Horizontal Slider
Multiple configurations available to cover larger apertures.

FRAME CONSTRUCTION

Outer and inner frame manufactured from enhanced steel.
6mm polycarbonate sheet incorporated within structure to trigger the closing within 10 milliseconds of the blast.
Manufactured with enhanced hinge blocks, enhanced stainless steel shoot bolts

INSTALLATION

Can be retrofitted to existing buildings as well as new-build applications.
Predominately used in window apertures and door openings.
Frame can be packed either side up to 37.5mm to accommodate apertures variables.

STANDARD DIMENSIONS

Width: 1057mm
Can be adjusted in +/- 75mm increments. The blades will increase with larger widths.
Height: 1800mm
Lock height is variable, dependent on overall height.

PRODUCT REFERENCE

Obexion Forced Entry Blind

ACHIEVED TESTING STANDARDS

100kg of TNT Equivalent at 33m (Minimal Hazard)
100kg of TNT Equivalent at 25m (Low Hazard)
500kg of TNT Equivalent at 28m (Low/Minimal Hazard)

OPERATION

Internal face fix installation. Blades manually operated, much the same as a conventional blind.
Inward opening inner panel allowing for 90% accessibility to the window.

BLADE CONSTRUCTION

85mm extruded aluminium blades able to rotate 180%, with a high tensile steel rod core.

FINISH

Finish as delivered: polyester powder coated in standard RAL/BS colours.