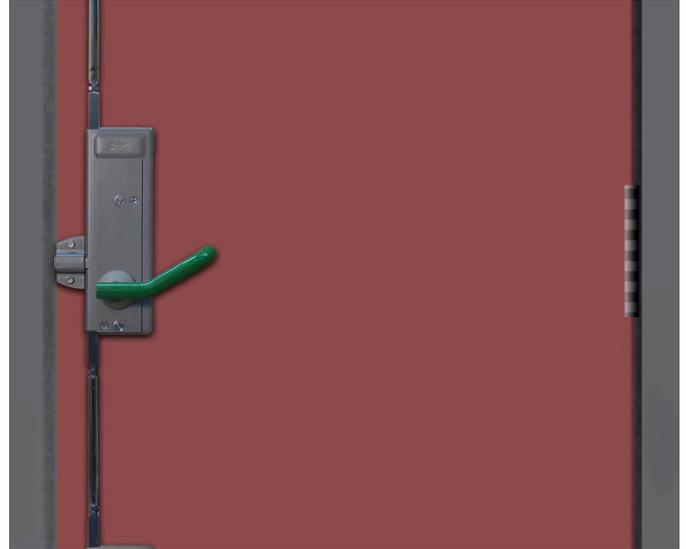


OBEXION BLAST DOOR

FEATURES

- Hardened integral protection
- 'People in Protected Spaces' C25 & C15 performance
- Developed to resist experienced attacks

Please Note: Options such as double doorsets are available though may fall outside of certified scope.



CERTIFIED 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.



Bespoke

Securing people, property and assets against bespoke risks and severe threats.

The Obexion Blast Door is engineered and tested in accordance to HMG Protected Spaces criteria. Performance levels C25 and C15 have been achieved in various configurations, providing high-performance blast resistant solution to properties at risk from explosion.

Manufacturing to exacting conditions, the Obexion Blast doorsets are available with vision panels for DDA compliances for both internal and external doorways.

ADDITIONAL

Each leaf encapsulated in steel offering doorset additional protection against damage. Surface-mounted multi-point locking to accommodate almost every operational requirement.

OBEXION BLAST DOOR

SUITABLE APPLICATIONS INCLUDE

- Laboratories and Research buildings
- Critical National Infrastructure
- Ministry of Defence applications

APPROVED DIMENSIONS (CERTIFIED SCOPE)

	Opening Direction	S/O Max. Width	S/O Min. Width	S/O Max Height	S/O Max Height
Single	Inward	700	1400	1468	2500
	Outward	700	1400	1468	2500
Double	Inward	1400	3000	1900	2500
	Outward	1400	3000	1900	2500

CERTIFIED SCOPE

- A) Single inward opening doorsets
- B) Single outward opening doorsets
- C) Double outward opening doorsets

FRAME CONSTRUCTION

- A) Frame Profile: -120x70mm, Rebated 25mm
- B) Frame Material: -Hardwood of minimum density 650kg.m⁻³
- C) Architrave: -45x15mm - pencil rounded

LEAF CONSTRUCTION

- A) Leaf Thickness: -Min 54mm
- B) Leaf Material: -Hardwood core of minimum density 800kg.m⁻³
- C) Leaf Weight: -Min 69kg.m⁻³
- D) Facings: -2 4mm WBP plywood skins per face
- E) Reinforcing: -Hardened integral protection
- F) Hinges: -Min 3 Surelock McGill S2-HA6 hinges per leaf to EN 1935: 2002
- G) Hinge Bolts: -2 Surelock McGill S-8375 per leaf
- H) Steel Encapsulation: -1.5 Zintec steel to both faces, returned to all edges and secured around the return

PRODUCT REFERENCE

Obexion Blast Door

PERFORMANCE

'Protected Spaces' C15 & C25 performance

PERFORMANCE CLASSIFICATION

Classification Code	Mean peak air blast Pressure (kPa)	Mean positive phase Impulse (kPa.ms)
C25	80	380
C15	250	850

VISION PANELS (OPTIONAL)

350x150mm glazed panel all as tested and approved
2 panels required for DDA compliance
Glazing Options: Tecdur DC49GG

LOCKING OPTIONS

Surface-mounted three of five way system all as tested and certified.
Entry:
Key via tested and approved cylinder
Access Control via 12v, 24v, or 50v solenoid lock
Combination via mechanical digital lock
Exit:
Thumb-turn and lever
Key and lever handle
Access Control via 12v, 24v, or 50v solenoid lock
Push Pad
Panic Bar

FINISHES

Full gloss paint finish to BS or RAL colour specifications.
Marine grade finish available for locations with severe weather conditions.

ACOUSTIC PERFORMANCE

Available certified to BS EN ISO 717-1:1997 up to Rw 40dB