

## Bullet Resistant - Steel Framed Glazed Doors



**BRD-FG-<sup>\*\*</sup>** fully glazed doorset

**BRD-HG-<sup>\*\*</sup>** half glazed doorset

**BRD-SG-<sup>\*\*</sup>** solid core doorset

- Bullet Resistance Rating <sup>\*\*</sup> - refer *Ballistic Resistance*.  
- Most common ratings: Handgun G2, or Rifle R2.  
- BR Ratings: Handgun: G0, G1, G2. Rifle: R1, R2. Shotgun: S0, S1.
- Test Standard: US NIJ 0108.01. - refer *Ballistic Resistance*.
- Locks and Hardware to be selected\*.
- Leaf seals to head & sides included.
- Adjustable Block Hinges - 3 off.
- Hollow profiles allow easy installation of wiring and hardware items.
- On site grout filling of steel profiles not required.
- Steel components galvanized and primed.
- Installation method to suit situation.
- Approximate leaf weight - 150 (G2) kgs to 200 (R2) kgs (2.0m x 0.9 leaf.)

Contact us for advice on various ranges of locks and furniture.

### Bullet Resistant Steel Framed Doors

As supplied by Requisite NZ Limited.

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Ballistic Doors are fabricated with additional measures to enable ballistic resistance and have been tested for ballistic (bullet) resistance. The fact that the glass is a thick multi-laminate will mean that it affords a level of attack resistance also.

'G2' Doors are typically glazed with - 25mm glass and will have a leaf weight of about 150kgs.

'R2' Doors are typically glazed with - 45mm glass and will have a leaf weight of about 200 kgs.

They may require power assisted door openers/closers, or it may be possible to consider a sliding door alternative.

### **BR Panels**

We have tested BR panels to fit in lieu of glazing, to suit customer preferences.

### **Locks**

The choice of lock is unlikely to affect the ballistic rating. The preferred lock will dictate handles options. Each lock should be considered for each location and the choices include manual latches, manual deadlocks or electric locks.

Manual Locks - We recommend suitable locks by Kaba, Dorma, Assa Abloy and Ingersoll Rand.

### **Handles**

Manual latches - lever handles.

Manual deadlocks - push/pull handles (offset).

Electric mortice locks\* - fixed handles, or possibly lever operated from non-threat side.

*\*Note - a power transfer hinge will also be required.*

### **Electric Strikes, Reed Switches, Card Readers and Exit Releases**

These electrically operated items are not standard but can be fitted if door monitoring is desired. The cables run through the hollow frame profile.

### **Closers**

We recommend Dorma range of closers for the following reasons:

The size suits our profiles!

Wide range, strong, adjustable, durable.

Highly recommended models: Dorma TS83 (arm) or Dorma TS93 (slide).

Leaf weight will depend upon size, BR rating and glass thickness: 150 kgs (G2) - kgs (R2)

Dorma also have a range of power assisted operators.

### **Door Seals**

Door Seals are not standard items to this style of door but can be fixed to non-threat side if desired, or if it is fire rated door.

### **Drop Seals**

Drops seals are not ballistic rated. They are normally fitted as standard items to fire rated doors and are factory fitted during fabrication. Optimum leaf undercut = 10mm

### **Hinges**

Block Institutional Hinges, screw fixed, fully adjustable, 180 degree, 3 or 4 per leaf.

Contact us for further advice on various ranges of locks & furniture.