

Premier

™

Security Ballistic & Blast Ltd



Bullet-Resistant Doorsets and Windows/Glass



Product Catalogue

+44 (0) 208 559 8295 sales@premier-ssl.com www.premier-ssl.com

BALLISTIC TESTED SYSTEMS (FB)

FB4

1: Titan Single Leaf door, outward opening with Surelock McGill Stirling Lock. No splinters. **Prem-ns3Plas-56**

2: Titan Double leaf door, outward opening with IGEM 5000 Maglock. No splinters

3: Titan Single Leaf door, outward opening with Mico Modular AD3 Lock. No splinters
Prem-ns3-Plas-56

4: Titan Lite double leaf door, outward opening with IGEM 5000 Maglock. No Splinters.

5: Titan Single Leaf, outward opening with Micro Modular AD3 Lock. No splinters
Prem1270/53ns enhanced

6: Titan single leaf door, outward opening with Surelock McGill Stirling lock. No splinters. **Prem1270/53ns enhanced**

7: Titan Single leaf door, outward with IGEM 5000 Maglock. No splinters. **Prem-ns-Ham4-68**

8: Titan Single leaf door, outward with IGEM 5000 Maglock. No splinters. **Prem 1270/53ns enhanced**

9: Titan Single Leaf door, outward opening with Mico Modular Lock. **Prem-ns-Ham4-68**

10: Titan single leaf door, outward opening with Surelock McGill Stirling lock. No splinters. **Prem-ns-Ham4-68**

11: Titan Single leaf door, outward with IGEM 5000 Maglock. No splinters. **Prem-ns3-Plas-56**

12: Titan Wall Panel FB Methodologies



DUAL LPCB SECURITY AND BALLISTIC TESTED PRODUCTS (FB)

FB6

- 1: Premier **GOLIATH** single leaf outward opening. No splinters
- 2: Premier **TITAN** Wall Panel. No splinters. Methodologies
- 3: Titan Single Leaf door, outward opening with Surelock McGill Lock. **Prem-ns5-Ham6-62**
- 4: Titan Single Leaf door, outward opening with Surelock McGill Lock. **Prem-ns5-Ham6-62**
- 5: Titan double leaf door, outward opening IGEM 5000 Maglock.
- 6: Titan single leaf door, outward opening IGEM 5000 Maglock. **Prem-ns4-Ham6-65**
- 7: Titan Single Leaf door, outward opening with Surelock McGill Lock. **Prem-ns4-Ham6-65**
- 8: Titan single leaf door. Outward opening with Mico Modular AD3 lock. **Prem-ns6-Ham6-65**
- 9: Titan Single Leaf door, outward opening with Surelock McGill Lock. **Prem-ns4-Ham6-65**
- 10: Titan Single Leaf door, outward opening with Surelock McGill Lock. **Prem-ns4-Ham6-65**
- 11: Titan single leaf door, outward opening IGEM 5000 Maglock. **Prem-ns4-Ham6-65**
- 12: Titan single leaf door, outward opening IGEM 5000 Maglock. **Prem-ns4-Ham6-62**
- 13: Titan single leaf door. Outward opening with Mico Modular AD3 lock. **Prem-ns5-Ham6-62**



TARGETING CARBON NEUTRALITY

Premier Security Ballistic & Blast Ltd is dedicated to a positive legacy through sustainable security product fabrication and maintenance.

We aim to reduce resource consumption, enhance community well-being for a healthier environment and achieve our carbon neutral targets by implementing energy-efficient practices and investing in renewable resources.

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FB7

- 1: Premier **GOLIATH** single leaf outward opening. NS
- 2: Premier **Titan** Wall Panel. NS
- 3: Titan single leaf door. Outward opening with Mico Locking system. NS
- 4: Ballistic Control Panel (LPS1175 SR2-SR5)

BALLISTIC TESTED GLASS (BR)

BR2

- 1: SR3 NS Enhanced glass
- 2: Prem1270/23s Enhanced glass
- 3: Prem-ns3-Ham-56 NS

BR4

- 1: Prem-ns3-Ham-56 NS
- 2: Prem-ns3-Ham4-49 NS
- 3: Prem-ns2-Ham4-68 NS
- 4: Prem-BR4 es/ns
- 5: Prem-ns3-Plas-56 NS

BR6

- 1: Prem-ns34Ham6-65 NS
- 2: Prem BR6 es/ns
- 3: Prem-ns-Ham6-62
- 4: Prem1270/71ns

BR7

- 1: Prem1270/71/H/53ns



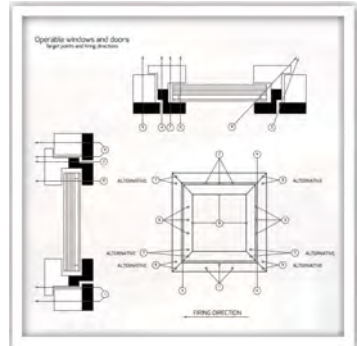
STANDARDS

BS EN 1522/1523

Introduction of the European Standards BS EN1522/1523 has made a significant improvement to the testing criteria and expectations of the ballistic resistance of doorsets and windows. The previous British Standard BS5051-1 covered the testing of ballistic resistance of glass only and did not provide the testing requirements for other elements of doors/windows such as the interconnectivity between the glass and the sub-frame, door/window gaps and the material used to construct the door or window frame

The major changes in the introduction of the European Standard included:

- Test shots into the door/window frame material
 - Test shots into the frame profile
 - Test shots at corner joints
 - Test shots between infill and frame profile
 - Test shots into door/window gaps between the door/window sash and the outer door/window frame
 - Test shots at hardware such as locks, cylinders, handles and hinges which may provide less resistance to attack
 - Angle shots between the meeting points of the door/window and framework
 - Threshold testing if the doorset is provided with a threshold
- This list is an overview of the potential testing and should not be read as a comprehensive list of all the variations in testing requirements.

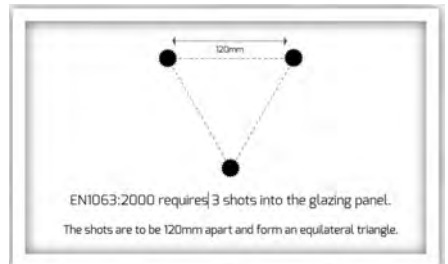


BS EN 1063

This standard specifies performance requirements and test methods for the classification of the bullet-resistance of glass (consisting of one or more layers of glass) and glass/plastic composites.

The standard applies to:

- Attack by handguns, rifles and shotguns
- Glazing in buildings, for interior or exterior use
- The glazing product only and assumes proper fixing



BALLISTIC TEST DATA COMPARISON

| Door & Windows | Glazing Only | | NIU 0108-01 | UL752 | GOST R50963-96 | TYPE OF WEAPON | BULLET CALLIBRE | BULLET TYPE* |
|-------------------|---------------------|-------------------|-------------|---------|----------------|----------------|-----------------|--------------|
| | BS EN1522/1523:1999 | BS5051:1998 | | | | | | |
| European Standard | Old UK Standard | European Standard | CLASS | CLASS | CLASS | | | |
| CLASS | CLASS | CLASS | CLASS | CLASS | CLASS | | | |
| FB1 | N/A | BR1 | I | N/A | N/A | RIFLE | 0.22 LR | L/RN |
| FB2 | G0 | BR2 | II | 1 | 1 | HAND GUN | 9MM LUGER | F11)RN/SC |
| FB3 | G1 | BR3 | II | 2 | N/A | HAND GUN | 0.357 MAGNUM | F11)CB/SC |
| FB4 | G2 | BR4 | III A | 6+3 | N/A | HAND GUN | 0.357 MAGNUM | F11)CB/SC |
| | | | | | | | 0.44 MAGNUM | F12)FN/SC |
| FB5 | R1 | BR5 | N/A | 7 | 3 | RIFLE | 5.56 X 45 | F12)PB/SCP1 |
| FB6 | R2 | BR6 | III | N/A | 4 | RIFLE | 5.56 X 45 | F12)PB/SCP1 |
| | | | | | | | 7.62 X 51 | F12)PB/SC |
| FB7 | N/A | BR7 | M14 | 8 | 5 | RIFLE | 7.62 X 51 | F12)PB/HC1 |
| N/A | S86 | SG1 | N/A | N/A | N/A | SHOTGUN | 12/70 | SOLID SLUG 1 |
| FSG | N/A | SG2 | N/A | SHOTGUN | N/A | SHOTGUN | 12/70 | SOLID SLUG 1 |

*BULLET CODES

L:LEAD - CB:CORDED LEAD - F11:FULL STEEL JACKET (PLATED) - F12:FULL COPPER ALLOY JACKET - FN:FLAT NOSE BULLET - HCL:STEEL HARD CORE, MASS 3.7G 0.1G, HARDNESS MORE THAN 63 HRC
PB:POINTED BULLET - RN:ROUND NOSED BULLET - SC:SOFT CORE (LEAD) - SCP1:SOFT CORE (LEAD) WITH STEEL PENETRATOR (TYPE SS109)

BALLISTIC SYSTEMS



ABOVE: (left) Premier's tested LPS1175 SR3 (C5) security and FB4 Ballistic Glazed system
(Right) Premier's tested LPS1175 SR4 (D10) security and FB4 Ballistic Glazed system



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