

Bullet Resistant Assemblies



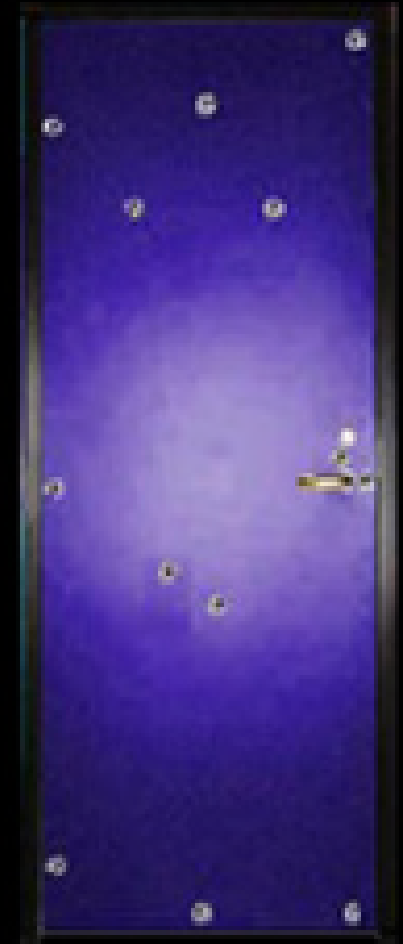
Steel Door Institute
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Bullet Resistant Assemblies

Benefits: Often tested in accordance with **UL 752** and assigned a level from 1-10 that lets you know how resistant the door is to gun fire.



Applications: Used in government buildings, cashier stands, high crime rate areas and any structure where increased safety is desired.



Bullet Resistant Assemblies

- Steel doors are generally available up to level 8.
- Architects should consider working with a security consultant to analyze the building conditions and determine the appropriate bullet resistance level.

LEVEL	BULLET	CALIBER	SHOTS
1		9mm (124g) FMJ	3
2		.357 Magnum (158g) SP	3
3		.44 Magnum (244g) SP	3
4		.30 Caliber Rifle (180g) SP	1
5		7.62mm Rifle (150g) FMJ	1
6		9mm Multi (124g) FMJ	5
7		5.56mm Rifle (55g)	5
8		7.62 Multi Rifle (150g) FMJ	5
8 (AP)		30-06 Rifle (166g) AP	5

Bullet Resistant Door Options

- The doors may be flush or have full glass vision lights. They are also available in pairs.
- The doors may be fire rated up to three hours and combined with STC and blast resistant capabilities.

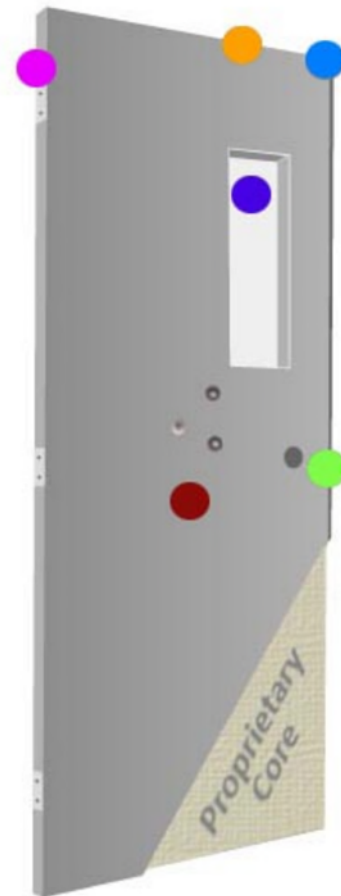


Bullet Resistant Standards

- The standard that should be specified is often spelled out by whomever is commissioning the project.
- **UL 752** is the most common test method, which assigns a level from 1 – 10.
- **NIJ 0108.01** is one of the primary specifications used by the government.
- **NCEL-MIL-SAMIT** is generally used for military projects.

Bullet Resistant Doors Specs

- A variety of cores can be bullet resistant, such as steel stiffened, honeycomb, and polystyrene.
- It is only necessary to specify a **UL 752** level and not a specific core material because many of the cores are proprietary once you get into higher bullet resistance levels.



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