

Forced Entry Doors & Assemblies



Steel Door Institute
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Forced Entry Doors & Assemblies

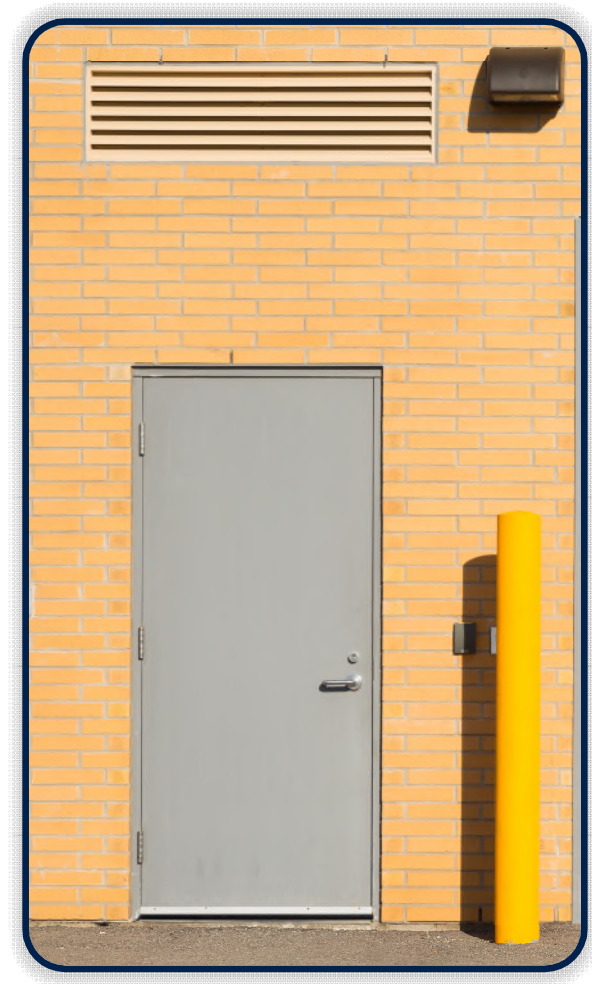
- Forced entry doors are built to keep unwanted persons out and tested to keep a building secure
- The right door assembly or security door is often a building's first line of defense



Forced Entry Doors & Assemblies

Common Uses

- Forced entry doors are designed to dramatically reduce the risk of an attack or burglary
- Some people think forced entry doors must look imposing, but they actually look just like standard doors because the heavier duty steel and hardware aren't always obvious to the casual observer



Forced Entry Doors & Assemblies

Common Uses

- Government buildings are built to be highly secure and are usually more at risk for physical attacks
- Forced entry doors safeguard mission critical executive offices, control rooms, and anywhere the highest level of protection and durability are an important consideration



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Common Uses

- Retail stores and commercial tenants in malls and office buildings tend to be more concerned with theft in mind when adding security doors



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Common Uses

- Schools require security doors for a hybrid of burglary prevention and safety for students and teachers



Specifying Forced Entry Doors

The following standards can be specified to ensure the desired level of safety:

ASTM F1233: Standard Test Method for Security Glazing Materials & Systems

- This is one of the more commonly specified test criteria for non-government forced entry installations
- Products are assigned a resistance rating from I – V
- Class I rating consists of the product being hit with a ballpeen hammer 10 times
- Class II rating is another 10 hits
- Class V designation entries must withstand 41 assaults including 50 impacts with a fire axe



Specifying Forced Entry Doors

ASTM F3038: Standard Test Method for Timed Evaluation of Forced Entry Resistant Systems

- Typically specified for high-risk buildings, this test method allows one to specify forced entry prevention of 5, 15, 30, or 60 minutes
- The test is comprised of six men attacking the door with everything from sledgehammers to battering rams
- If the attackers breach the door, the product fails



Specifying Forced Entry Doors

US Department of State SD-STD-01.01 Forced Entry and Ballistic Resistance of Structural Systems

- This test is similar to ASTM F3038, but is specific to government facilities



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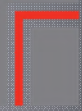
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