

US Department of State SD-STD-01.01

The SD-STD-01.01 is a test protocol designed to replicated the conditions of a mob attempting to forcibly penetrated a barrier. Ballistics tests are carried out and forced entry tests involving teams of aggressors conducting attacks on different parts with various tools. Ratings are done according to the timed forced entry-resistance against three attack levels.

Forced Entry Test

5 Minutes	15 minutes	60 minutes
Two test personnel using tools	Six test personnel using an extended range of tools	Six test personnel using an even greater range of tools

The attacking locations are against different areas such as hinges, seams, fittings etc. The goal is to open, remove or penetrate the door to enable entry of a standard sized testing object.

A rating of 5FE = 5 minutes forced entry resistance

Ballistic Test

The door must withstand many rounds placed in specific shot patterns on the door and frame using 5.56mm shotgun and 7.62 NATO rounds. Each shot is fired using a test barrel to maintain the requirements set out in the standard.

A rating of 15FE/BR = 15 minutes resistance to forced entry and bullets