

# Sound Transmission Control (STC) Doors

## Features

- Up to and including STC 48 for pairs of doors; includes factory-supplied astragal
- **NEW!** Door Components' patented STC core design
- All STC ratings available for single doors up to and including STC 54
- 1 3/4" doors (light weight for STC doors)
- ① Any manufacturer's hinge locations
- ④ Continuously welded vertical edges (seamless) standard
- Uses 4 1/2' 180 heavyweight hinge (not supplied)
- No cam lift hinge required
- All required seals and a threshold are included
- Galvannealed steel standard
- Single door vision lites available up to and including STC 48
- Rust inhibitive prime coat ANSI/SDI A250.10
- Tested in accordance with ASTM E90-09
- Frame must be solid grouted by others
- STC frames available

## Material Options

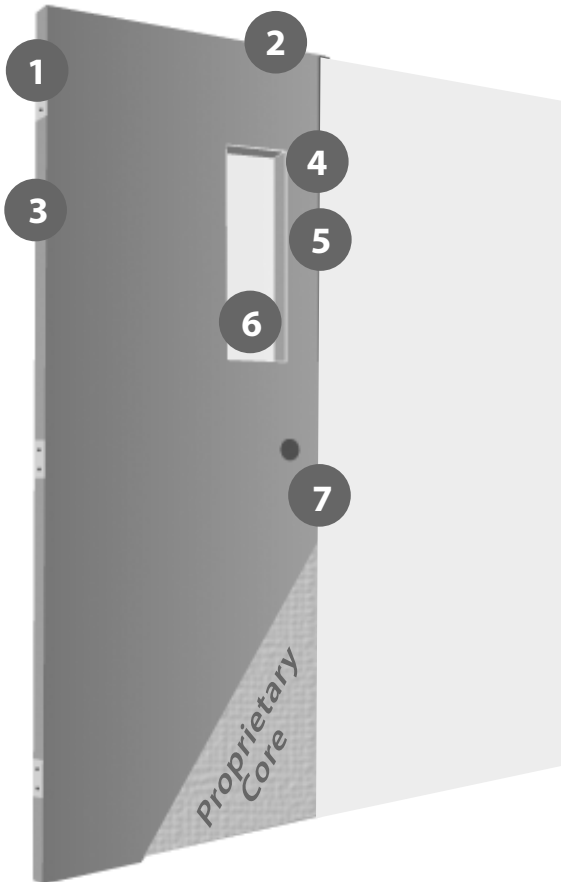
- Stainless steel, available in 304 or 316 alloys

## Feature Options

- ③ Up to 90 minute fire label (except STC 54)
- ⑥ Integral lite option
- ② Flush top cap
- ⑦ Any manufacturer's Deadlock prep, Panic prep, and Mortise sectional trim
- ⑤ Astragal ( for pairs)

## Hardware Reinforcements

- 3/16" for hinges
- 12-gauge for locks standard
- 14-gauge for closers standard
- Heavier gauge reinforcements available



**Sound Transmission Class Capabilities of Door Components**

Door Components STC product range	Description
STC 50 - STC 54	Very loud sounds are faintly heard
STC 40 - STC 49	Loud speech is barely audible
STC 35 - STC 39	Loud speech is audible but words hard to distinguish
STC 30 - STC 34	Loud speech can be distinguished; normal speech barely heard or inaudible