



ACOUSTICAL SOUND-RATED ACCESS PANEL

THE STC™ SERIES



When your project requires partition walls that control sound transmission, make sure the access panels that you specify can maintain the desired STC value.

The new STC-65 access panel from JL Industries meets the highest testing standards available for wall and ceiling penetrating components.

- STC 65 and OITC 51 sound-rated
- 8" x 8" to 36" x 36"
- Lightweight construction
- Attractive black or chrome flush latch
- Durable powder coat paint finish
- Made in the US



STC Series Common Sizes

Model & Size W x H (inches)	Wall Opening Dimension	Approx. Weight (lbs)	Latch(es)
9STC-1212F4W	12 3/8 x 12 3/8	9	1
9STC-2222F4W	22 3/8 x 22 3/8	21	1
9STC-2424F4W	24 3/8 x 24 3/8	24	1
9STC-2436F4W	24 3/8 x 36 3/8	35	2
9STC-3636F4W	36 3/8 x 36 3/8	46	2

TESTED IN ACCORDANCE WITH: ASTM E90-90
Sound Transmission Loss of Building Partitions.
CLASSIFIED IN ACCORDANCE WITH:
ASTM E413-10 Classification for Rating Sound
Insulation of Partitions or Floors.
ASTM E1332-10a Standard Classification for
Rating Outdoor-Indoor Sound.

SPECIFICATIONS:

Frame: 16 gauge CRS with 1" flange.

Door: 20 gauge door with continuous stainless steel hinge.

Insulation: Proprietary sound-blocking assembly. 2" thick mineral wool insulation.

Finish: Powder coat white. Other colors optional.

Latch/Lock: Black, locking compression paddle latch(es).

Sizes: Minimum 8" x 8", maximum 36" x 36", in 1/4" size increments.

Options: Non-locking black latch, or locking chrome-plated latch.

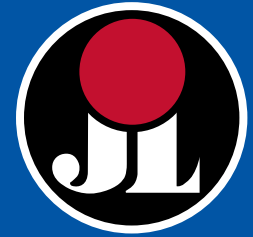
Stainless steel construction - 16 gauge frame, 20 gauge door.

Galvanneal steel construction - 16 gauge frame, 20 gauge door.



ACOUSTICAL SOUND-RATED ACCESS PANEL

THE STC™ SERIES



WHERE CAN YOU FIND GUIDELINES FOR STC-RATINGS IN BUILDINGS?



International Building Code (IBC) 1206.2
Dwellings & sleeping units/public or service area—STC-50

ANSI S12.6 Acoustical Performance Criteria, Design Requirements & Guidelines for Schools
Classroom/corridor, staircase, office, conference room—STC-45

Classroom/core learning space, speech clinic, health-care/outdoors—STC-50

Classroom/restroom—STC-53

Classroom/music room, mechanical equipment room, cafeteria, gym—STC-60

Facility Guidelines Institute (FGI) Guidelines for Design & Construction of Healthcare Facilities

Patient/patient room wall—STC-45

Patient/public space—STC-50

MORE ABOUT SOUND TRANSMISSION REDUCTION

Sound Transmission Class (STC) is a measurement of sound reduction through a building partition which may be a wall, ceiling or floor.

Outdoor Indoor Transmission Class (OITC) rates transmission loss through exterior walls. A building partition that is required to have an STC rating may be constructed with several layers of drywall, insulation and sound-dampening material, so maintaining the integrity of the wall is important.

When an STC-rated wall needs to be penetrated to install a component such as an access door, tested products with an STC rating are used. Acoustic sealants are then used to fill gaps around the access door in the opening to prevent sound transmission around those elements.

Testing by an independent laboratory results in an STC value providing a rough idea of how much sound that product installed in a partition may block.

Visit our webpage to find out more about this product:

<http://www.activarcpg.com/>

