

Sound Product Charts

Single Hollow Metal Doors Flush

STC Rating Operable	Max. Fire Rating	Hinges	Locks
56-66 - Communicating	No	Cam Lift	Cylindrical
55 (2-1/4" thick)	No	Continuous	Cylindrical
54	No	Butt	Cylindrical
53	No	Butt	Cylindrical, Mortise
52	3 Hour	Butt	Cylindrical, Mortise
51	3 Hour	Butt	Cylindrical, Mortise, Rim Exit
50	3 Hour	Butt	Cylindrical, Mortise, Military, Rim Exit
49	3 Hour	Butt	Cylindrical, Mortise, Military, Rim Exit
48	3 Hour	Butt	Cylindrical, Mortise, Military, Rim Exit
47	3 Hour	Butt	Cylindrical, Mortise, Military, Rim Exit
46	3 Hour	Butt	Cylindrical, Mortise, Military, Rim Exit
45	3 Hour	Butt	Cylindrical, Mortise, Military, Rim Exit
44	3 Hour	Butt	Cylindrical, Mortise, Military, Rim Exit
43	3 Hour	Butt	Cylindrical, Mortise, Military, Rim Exit
42	3 Hour	Butt	Cylindrical, Mortise, Military, Rim Exit
41	90 Minute	Butt	Cylindrical, Mortise
41	3 Hour	Butt	Cylindrical
40	90 Minute	Butt	Cylindrical, Mortise
40	3 Hour	Butt	Mortise
39	90 Minute	Butt	Cylindrical, Mortise, Rim Exit
38	3 Hour	Butt	Cylindrical, Mortise, Rim Exit
37	3 Hour	Butt	Cylindrical, Mortise, Rim Exit
36	3 Hour	Butt	Cylindrical, Mortise, Rim Exit
35	3 Hour	Butt	Cylindrical, Mortise, Rim Exit
34	3 Hour	Butt	Cylindrical, Mortise, Rim Exit
33	3 Hour	Butt	Cylindrical, Mortise, Rim Exit
32	3 Hour	Butt	Cylindrical, Mortise

Single Hollow Metal Glazed

STC Rating Operable	Max. Fire Rating	Hinges	Locks	Max. Visible Area
48	90 Minute	Butt	Cylindrical	100 Sq In
47	90 Minute	Butt	Cylindrical, Mortise	100 Sq In
46	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
45	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
45	90 Minute	Butt	Cylindrical	288 Sq In
44	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
44	90 Minute	Butt	Cylindrical, Mortise	288 Sq In
43	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
43	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	288 Sq In
42	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
42	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	288 Sq In
41	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
41	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	288 Sq In
41	90 Minute	Butt	Cylindrical	720 Sq In
40	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
40	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	288 Sq In
40	90 Minute	Butt	Cylindrical, Mortise	720 Sq In
39	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
39	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	288 Sq In
39	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	720 Sq In

Single Hollow Metal Doors Cont.

STC Rating Operable	Max. Fire Rating	Hinges	Locks	Max. Visible Area
38	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
38	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	288 Sq In
38	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	720 Sq In
37	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
37	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	288 Sq In
37	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	720 Sq In
36	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
36	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	288 Sq In
36	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	720 Sq In
35	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
35	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	288 Sq In
35	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	720 Sq In
34	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
34	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	288 Sq In
34	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	720 Sq In
33	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
33	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	288 Sq In
33	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	720 Sq In
32	3 Hour	Butt	Cylindrical, Mortise, Rim Exit	100 Sq In
32	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	288 Sq In
32	90 Minute	Butt	Cylindrical, Mortise, Rim Exit	720 Sq In

Pairs of Hollow Metal Doors Flush

STC Rating Operable	Max. Fire Rating	Hinges	Locks
49	3 Hour	Butt	Cylindrical
48	3 Hour	Butt	Cylindrical, Mortise
47	3 Hour	Butt	Cylindrical, Mortise
47	3 Hour	Butt	Mortise Panic
46	3 Hour	Butt	Cylindrical, Mortise
46	3 Hour	Butt	Mortise Panic
45	3 Hour	Butt	Cylindrical, Mortise
45	3 Hour	Butt	Mortise Panic
44	3 Hour	Butt	Cylindrical, Mortise
44	3 Hour	Butt	Mortise Panic
43	3 Hour	Butt	Cylindrical, Mortise
43	3 Hour	Butt	Mortise Panic
42	3 Hour	Butt	Cylindrical, Mortise
42	3 Hour	Butt	Mortise Panic
41	3 Hour	Butt	Cylindrical
40	3 Hour	Butt	Cylindrical
39	3 Hour	Butt	Cylindrical
38	3 Hour	Butt	Cylindrical
37	3 Hour	Butt	Cylindrical
36	3 Hour	Butt	Cylindrical
35	3 Hour	Butt	Cylindrical
34	3 Hour	Butt	Cylindrical
33	3 Hour	Butt	Cylindrical
32	3 Hour	Butt	Cylindrical

Sound Product Charts

Pairs of Hollow Metal Doors Glazed

STC Rating Operable	Max. Fire Rating	Hinges	Locks	Max. Visible Area
44	3 Hour	Butt	Cylindrical	100 Sq In
43	3 Hour	Butt	Cylindrical, Mortise	100 Sq In
42	3 Hour	Butt	Cylindrical, Mortise, Mortise Panic	100 Sq In
41	3 Hour	Butt	Cylindrical, Mortise, Mortise Panic	100 Sq In
41	90 Minute	Butt	Cylindrical	288 Sq In
40	3 Hour	Butt	Cylindrical, Mortise, Mortise Panic	100 Sq In
40	90 Minute	Butt	Cylindrical, Mortise	288 Sq In
39	3 Hour	Butt	Cylindrical, Mortise, Mortise Panic	100 Sq In
39	90 Minute	Butt	Cylindrical, Mortise, Mortise Panic	288 Sq In
38	3 Hour	Butt	Cylindrical, Mortise, Mortise Panic	100 Sq In
38	90 Minute	Butt	Cylindrical, Mortise, Mortise Panic	288 Sq In
37	3 Hour	Butt	Cylindrical, Mortise, Mortise Panic	100 Sq In
37	90 Minute	Butt	Cylindrical, Mortise, Mortise Panic	288 Sq In
37	90 Minute	Butt	Cylindrical	720 Sq In
36	3 Hour	Butt	Cylindrical, Mortise, Mortise Panic	100 Sq In
36	90 Minute	Butt	Cylindrical, Mortise, Mortise Panic	288 Sq In
36	90 Minute	Butt	Cylindrical, Mortise	720 Sq In
35	3 Hour	Butt	Cylindrical, Mortise, Mortise Panic	100 Sq In
35	90 Minute	Butt	Cylindrical, Mortise, Mortise Panic	288 Sq In
35	90 Minute	Butt	Cylindrical, Mortise, Mortise Panic	720 Sq In
34	3 Hour	Butt	Cylindrical, Mortise, Mortise Panic	100 Sq In
34	90 Minute	Butt	Cylindrical, Mortise, Mortise Panic	288 Sq In
34	90 Minute	Butt	Cylindrical, Mortise, Mortise Panic	720 Sq In
33	3 Hour	Butt	Cylindrical, Mortise, Mortise Panic	100 Sq In
33	90 Minute	Butt	Cylindrical, Mortise, Mortise Panic	288 Sq In
33	90 Minute	Butt	Cylindrical, Mortise, Mortise Panic	720 Sq In
32	3 Hour	Butt	Cylindrical, Mortise, Mortise Panic	100 Sq In
32	90 Minute	Butt	Cylindrical, Mortise, Mortise Panic	288 Sq In
32	90 Minute	Butt	Cylindrical, Mortise, Mortise Panic	720 Sq In

Single Flush Temperature Rise Doors

STC Rating Operable	Max. Fire Rating	Hinges	Locks
41	90 Minute	Butt	Cylindrical, Mortise
40	90 Minute	Butt	Cylindrical, Mortise
39	90 Minute	Butt	Cylindrical, Mortise
38	90 Minute	Butt	Cylindrical, Mortise
37	90 Minute	Butt	Cylindrical, Mortise
36	90 Minute	Butt	Cylindrical, Mortise
35	90 Minute	Butt	Cylindrical, Mortise
34	90 Minute	Butt	Cylindrical, Mortise
33	90 Minute	Butt	Cylindrical, Mortise
32	90 Minute	Butt	Cylindrical, Mortise

Single Embossed Panel Doors Glazed

STC Rating Operable	Max. Fire Rating	Hinges	Locks	Design
48	45 Minute	Butt	Cylindrical	6 Panel
47	45 Minute	Butt	Cylindrical	6 Panel
47	45 Minute	Butt	Cylindrical	2 Panel HD
46	45 Minute	Butt	Cylindrical, Mortise	6 Panel
46	45 Minute	Butt	Cylindrical	2 Panel HD
45	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 Panel
45	45 Minute	Butt	Cylindrical, Mortise	2 Panel HD
44	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 & 2 panel HD
43	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 & 2 panel HD
42	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 & 2 panel HD
41	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 & 2 panel HD
40	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 & 2 panel HD
39	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 & 2 panel HD
38	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 & 2 panel HD
37	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 & 2 panel HD
36	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 & 2 panel HD
35	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 & 2 panel HD
34	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 & 2 panel HD
33	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 & 2 panel HD
32	45 Minute	Butt	Cylindrical, Mortise, Rim Exit	6 & 2 panel HD

Testing and Certification

- Sound-Tech Xpress Systems are tested in accordance with:
- ASTM E90-04 and E90-09, Standard test method for laboratory measurement of airborne sound transmission loss of building partitions
- ASTM E413-04, Classification for rating sound insulation
- ASTM E1332-90, (Re-approved 2003) Standard classification for determination of outdoor-indoor transmission class
- ASTM E2235-04, Standard test method for determination of decay rates for use in sound insulation test methods



ASSA ABLOY

9159 Telecom Drive
Milan, TN 38358
Tel (888) 232-6366
Fax (888) 232-6462
archhelp@cecodoor.com
www.cecodoor.com

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience