

Sound Control Doors

Features:

- Performance ratings from STC 43 to STC 70 +
- Unlimited Door opening sizes
- All doors available in standard and custom designs
- High performance doors for both architectural and industrial applications
- UL fire-ratings of 20 min.; 45 min.; 60 min.; 90 min.; and 3 hours
- Blast resistance ratings up to 3psi
- Radio frequency shielding of 50 dB and 100 dB
- DCID approval for SCIF
- ADA compliant
- Optional finishes included choices from among 62 different wood veneers along with paint and metal. Doors may also be specified with full or partial vision glass options.



IAC offers a wide range of products designed for architectural, industrial and security applications. Sound Control doors from IAC are designed to both work hard and look good.

Aside from the standard Noise-Lock doors, IAC offers their Super Noise-Lock doors for over sized applications as well as Security and RF Shielding doors for Government and Private Security applications.

Every door system includes leaf, split-frame, seals, hinges, and latching hardware, and is factory assembled and functionally tested for alignment, fit and ease of operation prior to shipment. This reduces installation costs and virtually eliminates in-field construction errors that can affect performance.

Door Size	Standard 3'0 x 7'0; Custom Sizes Available
Leaf Thickness	1 3/4", 2 1/2", 3 1/2", 5" Depending on STC requirements
Fire Rating	UL fire-rating of 20 minutes up to 3 hours depending on finish options.
Finish	Veneer, Paint, Metal; Full or partial window options.
Installation	Split frame is custom sized to fit over your rough opening.

Distributed by:
West General LLC
 1475 Saratoga Ave, Suite 120
 San Jose, CA 95129
 Phone: 408-255-8644 Fax: 408-255-8677
www.westgeneral.com

Sound Control Door Data Sheet

Standard Door Features.

1. #14 Gauge, Galvannealed Steel, Door & Frame Construction - Yields Long Term Durability
2. Double and Triple, Self-Aligning, Magnetic Seals - Factory Mounted
3. Split-Frame Construction - Door Opening Can Be Built in Advance.
4. Factory Assembled, Hung & Swung in our Shop with all the Hardware and Glass
5. Frames are Factory Packed with Sound-Deadening Insulation - No Concrete Grouting of Frames.
6. Identical Frame Profile for STC 51 thru STC 64 Door Assemblies - Maintains the same visual appearance between various STC doors.

Wood Veneer Features.

1. Performance: STC 51, 53, 54, 55, 61 or 64
2. UL 60 Minute Fire Ratings are available
3. Single Leaf Door Sizes up to 5'-0" w x 9'-0" h
4. Unlimited Wood Veneers available:
Oak; Mahogany; Birch; Cherry; Maple; Walnut
Other veneer options available upon request
5. Cut: Quarter Sawn, Plain-Sliced or Rotary Cut
6. Solid Wood Door Appearance: The wood veneer wraps the edges of the door lending itself to the appearance of a solid wood door. Also, it can be applied as a finish on one or both sides of the leaf.
Book matching also available.

Single Leaf Doors

STC	Thickness	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	Weight lb/ft ²	Seals
43	1 3/4"	23	43	41	42	43	51	8	a
47	1 3/4"	26	42	47	47	48	51	11	a
49	2 1/2"	28	39	46	50	53	55	7	b
51	2 1/2"	28	47	50	53	51	59	9	b
53	2 1/2"	31	47	53	54	51	58	11	b
54	3 1/2"	40	51	54	54	51	63	16	b
55	3 1/2"	40	51	54	56	52	61	16	b
61	3 1/2"	41	53	60	60	62	69	16	c
64	5"	44	58	62	65	66	70	18	d

Double Leaf Doors

STC	Thickness	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	Weight lb/ft ²	Seals
51	2 1/2"	31	47	49	50	54	63	9	b
54	3 1/2"	34	47	54	57	57	60	16	b

Acoustic Seal System - a) single magnetic; b) double magnetic; c) magnetic tri-seal
d) magnetic compression tri-seal

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