

Appendix M - Marshfield DoorSystems® Sound Door Offering

STC Rating	Max Size*	Door Thickness	Max. Fire Rating	Core	Operable	Lite Opng Size*	Gasketing System**
47	4/0 x 8/0	1.75	45	Sound	Yes	NA	a or i
46	4/0 x 8/0	1.75	45	Sound	Yes	NA	a or i
45	4/0 x 8/0	1.75	45	Sound	Yes	NA	a or i
44	4/0 x 8/0	1.75	45	Sound	Yes	300 sq. in**	a or i
43	4/0 x 8/0	1.75	45	Sound	Yes	300 sq. in**	a or i
42	4/0 x 8/0	1.75	45	Sound	Yes	300 sq. in**	a or i
41	4/0 x 10/0	1.75	20	Sound	Yes	300 sq. in**	a or i
40	4/0 x 10/0	1.75	20	Sound	Yes	300 sq. in**	a or i
39	4/0 x 10/0	1.75	20	Sound	Yes	300 sq. in**	a or i
38	4/0 x 10/0	1.75	20	Sound	Yes	300 sq. in**	a or i
37	4/0 x 10/0	1.75	20	Sound	Yes	300 sq. in**	a or i
36	4/0 x 10/0	1.75	20	Sound	Yes	300 sq. in**	a or i
35	3/6 x 8/0	1.75	90	MDF	Yes	NA	d
35	4/0 x 10/0	1.75	20	STC 35 PB	Yes	1,296 sq. in.	a or i
34	4/0 x 10/0	1.75	20	STC 34 PB	Yes	1,296 sq. in.	a or i
33	4/0 x 10/0	1.75	45	STC 33 PB	Yes	1,296 sq. in.	a or i
32	4/0 x 10/0	1.75	20	Staved	Yes	1,296 sq. in.	i
32	4/0 x 9/0	1.75	20	Extra Heavy PB	Yes	1,296 sq. in.	i
32 to 21	4/0 x 9/0	1.75	45	Extra Heavy PB	Yes	1,296 sq. in.	i
31 to 21	4/0 x 9/0	1.75	20	Extra Heavy PB	Yes	1,296 sq. in.	a or i
30 to 21	4/0 x 10/0	1.75	20	Particleboard	Yes	1,296 sq. in.	a or i
31 to 21	4/0 x 10/0	1.75	20	Staved	Yes	1,296 sq. in.	a or i
30 to 21	4/0 x 10/0	1.75	90	Mineral	Yes	1,296 sq. in.	a or i

Marshfield DoorSystems tested acoustic doors per ASTM E90-04 in standard 16g steel frames, with hinges, standard mortise lock and the acoustic seals referenced. Other hardware and acoustic seals may provide comparable results. Please consult an acoustic specialist for assistance in determining the acceptability of alternatives for your specific installation.

Bottom seals must fully engage a smooth, flat surface in order to achieve the listed STC value (e.g. thresholds as tested). STC ratings are based on single openings.

** Gasket Key	
2 rows bubble gasket, drop seal, threshold	a
Sealed	c
Gray foam, bottom seal	d
2 rows bubble gasket, Pemko 211 door shoe	i
Zero drop seal, threshold	n
2 rows bubble gasket, Pemko 211 door shoe, threshold	o

* Fire rating may be reduced based on size of door opening or lite opening.

** Lite opening may be a max of 1296 sq. in. with no fire rating. Glass utilized for the test was ¼" wire glass. Glass manufactures will have options available such as laminated or insulated.

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Note: Marshfield DoorSystems doors are manufactured per the standards listed on this page. Specifications are subject to change without notice.