

Sound Transmission Class Doors (STC)

Excuse me? What's that you said? I'm sorry, can you please repeat that?

No, you are not losing your hearing. The reason you can't hear my conversation is that you are standing behind one of Algoma Hardwoods' Sound Transmission Class (STC) doors. And the good news? Now hear this. We've expanded our already broad range offering of STC rated wood doors. Sure we've got our standard STC 45, 43, 40, 39 and 28's. But now we've earned STC ratings for 33, 32 and 31 (with lite openings), expanding our offerings beyond our well established STC 28 fire-rated door. Please see the chart on the following page for specifics.

How about no added Urea-Formaldehyde? Well, we have addressed that. And, our STC 33, 32 and 28's can all be constructed to comply with the new LEED for Schools criteria. In fact, we can even prepare the door for lite openings and build it no added urea-formaldehyde. Algoma Hardwoods is committed to providing doors that are constructed to the most up-to-date LEED standard.

How About Collaborative for High Performance Schools (CHPS)?

We've addressed that too. Our doors have been tested by a third party laboratory to ensure their compliance with CHPS (Collaborative for High Performance Schools) for VOC emissions.

All of our doors have been tested to the strict standards defined by Riverbank Laboratories. This gives you the confidence that all of our STC rated doors will perform as specified.

Whether it's a school or military installation; government building or hospital, you are sure to find an Algoma Hardwoods' STC rated wood door that fits your project. Specify Algoma Hardwoods and you'll specify excellence.



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Dealer Information



STC Chart

STC RATING	CORE TYPE	DOOR THICKNESS	FSC	NAUF	FIRE RATING	GLASS TYPE	GLASS AREA	GLAZING SYSTEM	THRESHOLD	GASKET	DROP SEAL	TEST NUMBER
54	SPECIAL	1.75"	NO	YES	n/a	n/a	n/a	n/a	NO	S88, DBL ROW	NGP 225N	TL94-189
45	SPECIAL	1.75"	NO	YES	n/a	n/a	n/a	n/a	YES	S88, DBL ROW	NGP 225N	TL95-194
43	SPECIAL	1.75"	NO	YES	20	n/a	n/a	n/a	YES	S88, DBL ROW	NGP 225N	TL94-193
40	SPECIAL	1.75"	NO	YES	n/a	n/a	n/a	n/a	NO	S88, DBL ROW	NGP 225N	TL94-190
39	SPECIAL	1.75"	NO	YES	n/a	DBL GLAZED	400	WOOD BEAD	YES	S88, DBL ROW	NGP 225N	TL94-192
33	SCLC	1.75"	YES	YES	20	5/16", 1/4" LAMINATED, NON-RATED	1296	WOOD BEAD	NO	S88, DBL ROW	ZERO 369A	TL09-170
32	SCLC	1.75"	YES	YES	20	5/16", 1/4" LAMINATED, NON-RATED	1296	WOOD BEAD	NO	S88, DBL ROW	Pemko 234	TL11-224, 225
32	SCLC	1.75"	YES	YES	20	Optional***	1296	WOOD BEAD	NO	S88, DBL ROW	ZERO 369A	TL08-230
32	PB	1.75"	YES	YES	20	5/16", 1/4" LAMINATED, NON-RATED	1296	WOOD BEAD	NO	S88, DBL ROW	ZERO 369A	TL09-161
32	PB	1.75"	YES	YES	20	Optional***	1296	WOOD BEAD	NO	S88, DBL ROW	ZERO 369A	TL11-224
31	SCLC	1.75"	YES	YES	20	Optional***	1296	WOOD BEAD	NO	S88, DBL ROW	Pemko 234	TL11-224, 225
31	PB	1.75"	YES	YES	20	5/16", 1/4" LAMINATED, NON-RATED	1296	WOOD BEAD	NO	S88, DBL ROW	Pemko 234	TL11-224, 225
31	PB	1.75"	YES	YES	20	Optional***	1296	WOOD BEAD	NO	S88, DBL ROW	Pemko 234	TL11-225
31	PB	1.75"	YES	YES	20	Optional***	1296	WOOD BEAD	NO	S88, DBL ROW	ZERO 369A	TL08-228
31	MC 45, 60, 90 Min	1.75"	YES	YES	45-90	5/16", LAMINATED, RATED	1296	WOOD BEAD	NO	S88, DBL ROW	ZERO 369A	TL09-166
30	MC 45, 60, 90 Min	1.75"	YES	YES	45-90	5/16", LAMINATED, RATED	1296	WOOD BEAD	NO	S88, DBL ROW	Pemko 234	TL11-224, 225
29	MC 45, 60, 90 Min	1.75"	YES	YES	45-90	Optional***	1296	WOOD BEAD	NO	S88, DBL ROW	ZERO 369A	TL08-229
28	MC 45, 60, 90 Min	1.75"	YES	YES	45-90	Optional***	1296	WOOD BEAD	NO	S88, DBL ROW	Pemko 234	TL11-224, 225
28	PB	1.75"	YES	YES	20	Optional***	1296	WOOD BEAD	NO	S88, DBL ROW	NGP 225N	TL94-188
28	MC 45, 60, 90 Min	1.75"	YES	YES	45-90	Optional***	1296	WOOD BEAD	NO	S88, DBL ROW	NGP 225N	TL95-390

*** Laminated Glass with STC ≥35 to be used (will maintain desired STC rating), rated glass for fire doors, Cat.II impact rating



More than a name...it's a standard.

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