

Sound System 52 STC/Rw

The values in the table on the right show the derivation of transmission class SRC/Rw.

From testing a DSA Class 52 Acoustic System.

System components:

- DS20-24SB and S9168 seals around the full perimeter
- DS44 perimeter seal around head and jambs
- DRS1530 automatic door bottom seal
- The DSA acoustic system was tested on a door assembly with a 55STC door

STC-Rw Testing for DSA Sound Trap-52 System

Brand No.	1/3 Octave Band Center Frequency Hz	Sound Transmission Loss in dB	
		Door Sealed	Door Operable
1	125	40	42
2	160	43	43
3	200	49	48
4	250	47	45
5	315	48	46
6	400	47	46
7	500	49	46
8	630	51	48
9	800	52	50
10	1000	55	52
11	1250	58	55
12	1600	61	57
13	2000	62	58
14	2500	64	58
15	3150	66	59
16	4000	62	59
Sound Transmission Class		55	52



DS20-24SB Perimeter Seal



DRS1530 Automatic Door Bottom Seal



DS44 Perimeter Seal



S9168 Perimeter Seal