

# Acoustic Sealing System Data for 45mm High Performance Steel Acoustic Door

Sealing System	STC	RW	Centre Frequency (Hertz) / STL (dB)																
			100	125	160	200	250	315	400	500	630	800	1K	1.25	1.6	2K	2.5	3.15	4K

## 45mm Proprietary Single Steel Door in Single Steel Frame

No Seals	20	21	17	19	21	22	23	23	22	22	23	23	23	23	21	16	16	18	19	17
*Fully Caulked (with mastic)	52	50	22	29	36	42	44	46	47	51	52	53	54	52	52	51	54	57	59	57
IS7025si + IS8011si	41	41	20	29	35	46	47	49	46	50	48	44	39	37	38	41	44	46	43	41
IS7085si + IS8011si	41	41	19	28	34	44	44	49	44	45	44	43	41	38	39	42	43	43	43	41
IS6030 + IS8090si	39	40	20	28	36	43	44	45	43	42	41	40	39	38	39	40	42	40	35	36
IS6030 + IS1515 + IS8090si	42	42	21	29	37	42	43	47	44	43	42	42	43	44	41	40	42	44	45	44

Kilargo has extensive experience working with acoustic door manufacturers, and as such, can offer proprietary systems beyond those shown above. Please contact Kilargo for further information.