

Appendix 12.8 Sound Insulation Values

Building Element	Sound Insulation Values (R, dB) per Octave Band (Hz)							Rw + Ctr
	63	125	250	500	1000	2000	4000	
Non-Glazed Façade Element	30	39	50	60	65	65	65	55
10mm / 6 – 12mm argon / 6mm	20	24	24	32	37	37	20	35
Passivent TVALdB 800 (1600 free area) window frame vent	34	46	44	38	43	43	50	42
16.8mm / 16mm argon / 16.8mm laminated acoustic glazing	23	29	40	45	47	54	23	41
Passivent Fresh 80dB (2220 free area) through wall vent.	45	48	40	44	52	67	67	50