

Test overview noise insulation Regel-air® window vents in PVC windows (compression gasket)

Summary of test results for noise insulation
(Tests by the Institute für Fenstertechnik - ift Rosenheim)

Noise insulation values R_w of windows with and without Regel-air® (PVC window compression gasket)									
	Rebate vent modules at the top	Rebate vent modules on left side	Rebate vent modules on right side	open overlap vents (bottom)	Test run	Pane (manufacturer specifications)	Length of SFGs (right + left on side)	Windows without Regel-air®	Windows with Regel-air®
1 pair FFL (= 2 modules)	2	0	0	0	Z02	36 dB	per 150 mm	39 dB	38 dB
					Z15	45 dB	per 150 mm	43 dB	42 dB
	1	1	0	0	Z23	45 dB	per 150 mm	43 dB	42 dB
1.5 pairs FFL (= 3 modules)	2	1	0	0	Z5	36 dB	per 150 mm	39 dB	38 dB
					Z18	45 dB	per 130 mm	43 dB	42 dB
	1	1	1	0	Z11	36 dB	per 150 mm	39 dB	38 dB
					Z21	45 dB	per 100 mm	43 dB	42 dB
2 pairs FFL (= 4 modules)	2	1	1	0	Z7	36 dB	per 150 mm	39 dB	37 dB
					Z38	47 dB	per 120 mm	44 dB	42 dB

Values may differ slightly depending on profile and window.