

Test overview noise insulation

Regel-air® window vents in PVC windows (centre 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 centre 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) + 1 OV (open)	2	0	0	1	Z49	36 dB	per 150 mm	39 dB	37 dB
					Z69	45 dB	per 150 mm	44 dB	39 dB
1.5 pairs FFL (= 3 modules) + 1 OV (open)	2	1	0	1	Z53	36 dB	per 130 mm	39 dB	37 dB
					Z72	45 dB	per 150 mm	44 dB	38 dB
					Z73	47 dB	per 150 mm	45 dB	39 dB
	1	1	1	1	Z57	36 dB	per 150 mm	39 dB	36 dB
					Z64	42 dB	per 150 mm	42 dB	37 dB
2 pairs FFL (= 4 modules) + 1 OV (open)	2	1	1	1	Z79	36 dB	per 300 mm	39 dB	34 dB

Values may differ slightly depending on profile and window.