



Weatherite

DX Units

Client	BT	Enquiry Number	E.8873 /AC
Site Name	Maida Vale T.E. 3rd Flr	Date	07.11.06

		Mid-frequency Octave Band (Hz)						
		125	250	500	1k	2k	4k	8k
Sound Pressure Level	Supply Air Fan	47	40	27	27	27	24	17
	Exhaust Air Fan	46	35	27	28	28	24	22
	Total SPL	49.5	41	30	30.5	30.5	27	23

		Mid-frequency Octave Band (Hz)						
		125	250	500	1k	2k	4k	8k
NR Rating	NR55	70	63	56	55	52	50	49
	NR50	65	59	53	50	47	45	43
	NR45	61	54	49	45	42	40	38
	NR40	57	49	45	40	37	35	33
	NR35	52	45	39	36	32	30	28
	NR30	48	40	34	30	27	25	23
	NR25	44	35	29	25	22	20	18
	NR20	39	31	24	20	17	14	13

NR Rating = NR 35

		Mid-frequency Octave Band (Hz)						
		125	250	500	1k	2k	4k	8k
Noise Level dBa Calculation	Correction	-16.0	-9.0	-3.0	0.0	1.0	1.0	-1.0
	Sound Power Level	49.5	41.0	30.0	30.5	30.5	27.0	23.0

dBa = 38.8