Sound Insulation Prediction (v6.4 .9)

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- Key No. 1575

Margin of error is generally within Rw +/- 3 dB

Job Name:Oxford Road, Manches

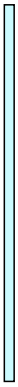
Job No.:Ladbrok Page No.:

Date: 18 Apr 13 Initials:AEF

File Name: Frontage Glazing 8.4mm laminated glass.ins

Notes:

Frontage Glazing: 1 x 8.4 mm Laminated Glass. DnTw 38dB



Rw	36 dB
C	-2 dB
C_{tr}	-4 dB

System description

Panel 1 Outer layer: 1 x 8.4 mm Laminated Glass(PMM)- (m=20.4 kg/m2, fc=2743 Hz, damping=0.06)

frequency (Hz)	TL(dB)	TL(dB)
50	17	
63	18	18
80	19	
100	21	
125	22	22
160	24	
200	25	
250	27	27
315	28	
400	30	
500	32	31
630	33	
800	35	
1000	36	36
1250	37	
1600	40	
2000	41	40
2500	39	
3150	40	
4000	43	43
5000	46	

Panel Size 2.7x4 m

