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

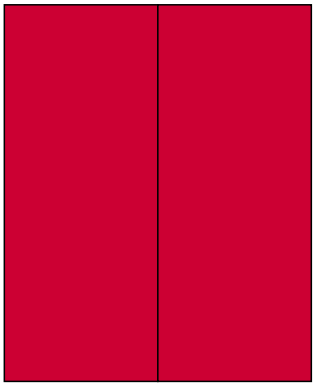
Job No.:Ladbrok Page No.:

Date: 18 Apr 13 Initials:AEF

File Name: 250mm thick masonry.ins

Notes:

External Wall: 1 x 122.0 mm Plastered Brick + 1 x 122.0 mm Plastered Brick. DnTw 57dB



Rw	55 dB
C	-1 dB
C_{tr}	-4 dB

System description

Panel 1 Outer layer: 1 x 122.0 mm Plastered Brick- (m=195.2 kg/m2, fc=225 Hz, damping=0.00)
Panel 1 Inner layer: 1 x 122.0 mm Plastered Brick (m=195.2 kg/m2, fc=225 Hz,damping=0.00)

frequency (Hz)	TL(dB)	TL(dB)
50	42	
63	43	43
80	44	
100	44	
125	44	44
160	45	
200	43	
250	43	44
315	46	
400	48	
500	51	50
630	53	
800	56	
1000	58	58
1250	61	
1600	64	
2000	66	66
2500	68	
3150	69	
4000	71	71
5000	73	

Panel Size 2.7x4 m

