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

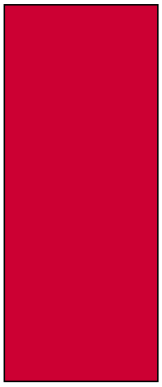
Job No.:Ladbrok Page No.:

Date: 18 Apr 13 Initials:AEF

File Name: 1 x leaf of plastered brick.ins

Notes:

1 x Leaf of Plastered Brick 122.0 mm.
DnTw 49dB



Rw	47 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)

frequency (Hz)	TL(dB)	TL(dB)
50	36	
63	37	37
80	38	
100	38	
125	37	38
160	37	
200	34	
250	34	35
315	37	
400	40	
500	42	42
630	45	
800	47	
1000	50	49
1250	52	
1600	55	
2000	58	57
2500	59	
3150	61	
4000	63	63
5000	64	

Panel Size 2.7x4 m

