

Sound Insulation Prediction (v9.0.8)

Program copyright Marshall Day Acoustics 2017
margin of error is generally within $R_w \pm 3$ dB
- Key No. 1197
Job Name:
Job No.:
Date:11-12-2024
File Name:

Initials:leonardo.ramella

Notes:



R_w 37 dB
 C 0 dB
 C_{tr} -2 dB

Mass-air-mass resonant frequency = 205 Hz
Panel Size = 2,0 m x 1,5 m
Partition surface mass = 36,1 kg/m²

System description

Pane 1 + 1 x 6 mm Glass

air: 10 mm
Pane 2 + 1 x 8 mm Glass

freq.(Hz)	TL(dB)	TL(dB)
50	25	
63	26	26
80	27	
100	28	
125	29	29
160	30	
200	29	
250	28	29
315	30	
400	31	
500	33	33
630	35	
800	37	
1000	39	39
1250	41	
1600	40	
2000	41	39
2500	38	
3150	41	
4000	45	44
5000	49	

