

Sound Insulation Prediction (v9.0.8)

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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 40 dB
C -2 dB
Ctr -5 dB

Mass-air-mass resonant frequency = 203 Hz
Panel Size = 2,0 m x 1,5 m
Partition surface mass = 36,5 kg/m²

System description

Pane 1 + 1 x 6,38 mm mm Vidrio Laminado(PVB 0.38mm-0,38 mm)

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

freq.(Hz)	TL(dB)	TL(dB)
50	25	
63	26	26
80	27	
100	27	
125	28	27
160	27	
200	25	
250	26	26
315	30	
400	34	
500	37	36
630	40	
800	42	
1000	44	44
1250	45	
1600	45	
2000	51	47
2500	47	
3150	49	
4000	53	52
5000	57	

