

Sound Insulation Prediction (v9.0.8)

Program copyright Marshall Day Acoustics 2017
margin of error is generally within Rw +/- 3 dB
- Key No. 1197
Job Name:
Job No.:
Date:11-12-2024
File Name:02 Ventana Rw+C=49(-2).ixl

Initials:leonardo.ramella

Notes:



Rw 49 dB
C -2 dB
Ctr -5 dB

Mass-air-mass resonant frequency = 63 Hz , 246 Hz
Panel Size = 2,0 m x 1,5 m
Partition surface mass = 58,5 kg/m²

System description

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

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

air: 100 mm
Pane 3 + 1 x 8,38 mm mm Vidrio Laminado(PVB 0.38mm)

freq.(Hz)	TL(dB)	TL(dB)
50	26	
63	25	26
80	27	
100	30	
125	33	32
160	36	
200	38	
250	39	39
315	41	
400	44	
500	46	46
630	48	
800	50	
1000	48	49
1250	49	
1600	50	
2000	52	52
2500	55	
3150	58	
4000	60	59
5000	61	

