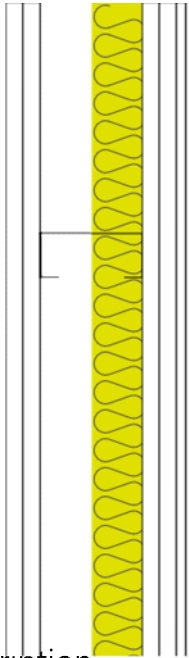


Sound Insulation Prediction (v9.0.8)

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:18-10-2024
File Name:

Initials:leonardo.ramella

Notes:



Rw 55 dB
C -2 dB
Ctr -5 dB

Mass-air-mass resonant frequency = 45 Hz
Panel Size = 2,7 m x 4,0 m
Partition surface mass = 64 kg/m²

System description

Panel 1 : 2 x 15 mm Yeso Cartón RF 15 Volcán D850

Frame: Steel Stud (1.0-1.6mm); Cavity Width 90 mm ,Stud spacing 600 mm , 1 x Fibra de Vidrio (10kg/m3) Thickness 50 mm
Panel 2 + 2 x 15 mm Yeso Cartón RF 15 Volcán D850 + 1 x 8 mm Fibre Cement

Floor Cover: Thickness 0,02 mm

freq.(Hz)	TL(dB)	TL(dB)
50	16	
63	23	20
80	30	
100	35	
125	39	37
160	42	
200	44	
250	46	46
315	49	
400	51	
500	53	52
630	55	
800	56	
1000	58	58
1250	59	
1600	60	
2000	59	56
2500	53	
3150	54	
4000	58	56
5000	62	

