

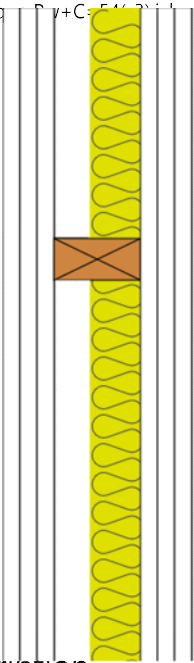
Sound Insulation Prediction (v9.0.8)

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margin of error is generally within Rw +/- 3 dB
- Key No. 1197
Job Name:
Job No.:
Date:18-11-2024
File Name:MA2 Tabig

Initials:leonardo.ramella



Notes:



Rw 54 dB
C -3 dB
Ctr -10 dB

Mass-air-mass resonant frequency = 43 Hz
Panel Size = 2,7 m x 4,0 m
Partition surface mass = 77 kg/m²

System description

Panel 1 : 3 x 15 mm Yeso Cartón RF 15 Volcán D850

Frame: Timber stud; Cavity Width 76 mm ,Stud spacing 600 mm , 1 x Fibra de Vidrio (10kg/m3) Thickness 50 mm
Panel 2 + 3 x 15 mm Yeso Cartón RF 15 Volcán D850

Floor Cover: Thickness 0,02 mm

freq.(Hz)	TL(dB)	TL(dB)
50	21	
63	18	17
80	15	
100	25	
125	34	30
160	40	
200	44	
250	47	46
315	50	
400	52	
500	54	54
630	56	
800	58	
1000	59	59
1250	60	
1600	61	
2000	59	54
2500	50	
3150	56	
4000	59	58
5000	63	

