

# 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:

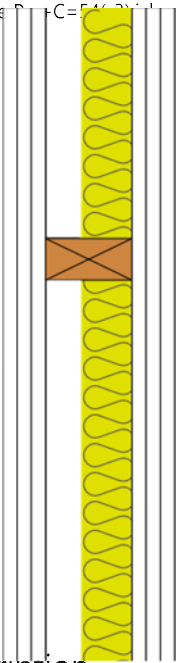
Job No.:

Date:18-10-2024

File Name:17 Tabique

Initials:leonardo.ramella

Notes:



Rw 53 dB  
C -3 dB  
Ctr -9 dB

Mass-air-mass resonant frequency = 48 Hz  
Panel Size = 2,7 m x 4,0 m  
Partition surface mass = 63,5 kg/m²

## System description

Panel 1 : 3 x 12,5 mm Yeso cartón RF 12.5 Volcan D840

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 12,5 mm Yeso cartón RF 12.5 Volcan D840

Floor Cover: Thickness 0,02 mm

freq.(Hz)	TL(dB)	TL(dB)
50	20	
63	16	17
80	15	
100	25	
125	33	29
160	39	
200	43	
250	46	45
315	48	
400	51	
500	53	52
630	55	
800	57	
1000	58	58
1250	60	
1600	60	
2000	60	58
2500	55	
3150	49	
4000	57	53
5000	61	

