

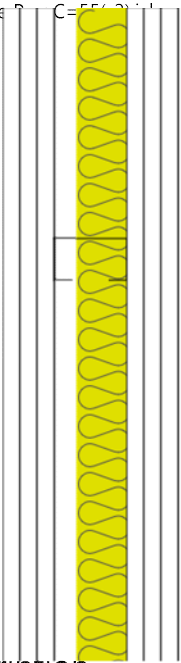
# Sound Insulation Prediction (v9.0.8)

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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:07 Tabique

Initials:leonardo.ramella



Notes:



Rw 54 dB  
C -2 dB  
Ctr -5 dB

Mass-air-mass resonant frequency = 51 Hz  
Panel Size = 2,7 m x 4,0 m  
Partition surface mass = 67,1 kg/m²

## System description

Panel 1 : 3 x 15 mm Yeso Cartón ST 15 Volcán D740

Frame: Steel Stud (1.0-1.6mm); Cavity Width 64 mm ,Stud spacing 600 mm , 1 x Fibra de Vidrio (10kg/m3) Thickness 50 mm  
Panel 2 + 3 x 15 mm Yeso Cartón ST 15 Volcán D740

Floor Cover: Thickness 0,02 mm

freq.(Hz)	TL(dB)	TL(dB)
50	17	
63	20	20
80	28	
100	33	
125	38	36
160	41	
200	44	
250	46	46
315	48	
400	51	
500	52	52
630	54	
800	56	
1000	57	57
1250	58	
1600	58	
2000	56	54
2500	51	
3150	55	
4000	59	57
5000	63	

