

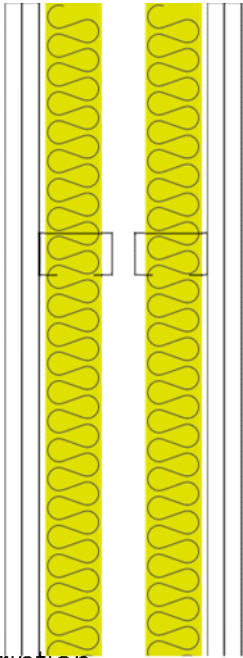
Sound Insulation Prediction (v9.0.8)

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margin of error is generally within Rw +/- 3 dB
- Key No. 1197
Job Name:
Job No.:
Date:18-10-2024
File Name:

Initials:leonardo.ramella



Notes:



Rw 67 dB
C -3 dB
Ctr -10 dB

Mass-air-mass resonant frequency = 38 Hz
Panel Size = 2,7 m x 4,0 m
Partition surface mass = 51,5 kg/m²

System description

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

Frame: Double Steel Stud; Cavity Width 148 mm ,Stud spacing 600 mm , 2 x Fibra de Vidrio (10kg/m3) Thickness 50 mm
Panel 2 + 2 x 15 mm Yeso Cartón RF 15 Volcán D850

Floor Cover: Thickness 0,02 mm

freq.(Hz)	TL(dB)	TL(dB)
50	19	
63	27	23
80	34	
100	39	
125	45	43
160	50	
200	54	
250	59	57
315	63	
400	68	
500	71	70
630	74	
800	77	
1000	80	79
1250	81	
1600	82	
2000	78	73
2500	68	
3150	74	
4000	80	77
5000	85	

