

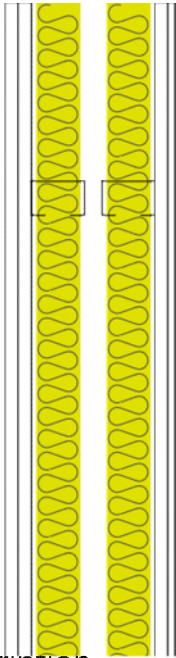
Sound Insulation Prediction (v9.0.8)

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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:

Initials:leonardo.ramella



Notes:



Rw 67 dB
C -3 dB
Ctr -10 dB

Mass-air-mass resonant frequency = 39 Hz
Panel Size = 2,7 m x 4,0 m
Partition surface mass = 51,2 kg/m²

System description

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

Frame: Double Steel Stud; Cavity Width 140 mm ,Stud spacing 600 mm , 2 x Fibra de Vidrio (10kg/m3) Thickness 50 mm
Panel 2 + 1 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	18	
63	26	22
80	33	
100	39	
125	44	42
160	49	
200	54	
250	58	57
315	62	
400	67	
500	71	70
630	74	
800	77	
1000	80	79
1250	82	
1600	83	
2000	81	77
2500	73	
3150	72	
4000	79	75
5000	85	

