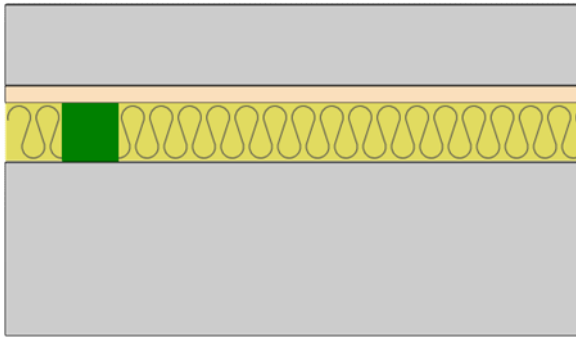


Sound Insulation Prediction (v9.0.8)

Program copyright Marshall Day Acoustics 2017
margin of error is generally within $R_w \pm 3$ dB
- Key No. 1197
Job Name:
Job No.:
Date:11-12-2024
File Name:

Initials:leonardo.ramella

Notes:



Rw 73 dB
C -2 dB
Ctr -6 dB

Mass-air-mass resonant frequency = 21 Hz
Panel Size = 2,7 m x 4,0 m
Partition surface mass = 527 kg/m²

System description

Panel 1 : 1 x 70 mm Hormigón + 1 x 15 mm Madera terciada D560

Frame: Kinetics RIM Mount; Cavity Width 51 mm ,Stud spacing 600 mm , 1 x Fibra de vidrio 80 kg/m3 50 mm Thickness 50 mm
Panel 2 + 1 x 150 mm Hormigón

Floor Cover: Thickness 0,02 mm

freq.(Hz)	TL(dB)	TL(dB)
50	48	
63	50	50
80	52	
100	54	
125	56	56
160	57	
200	58	
250	62	60
315	63	
400	62	66
500	71	
630	74	
800	77	
1000	81	80
1250	84	
1600	87	
2000	91	90
2500	94	
3150	97	
4000	101	100
5000	104	

