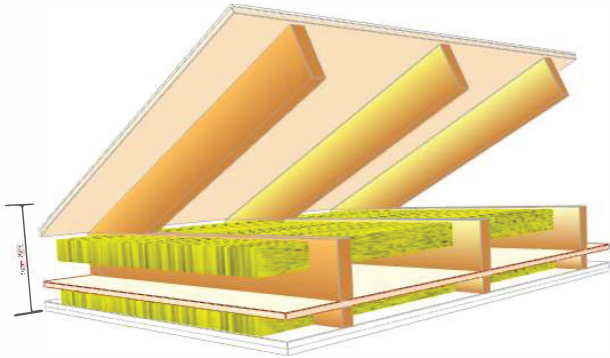


Sound Insulation Prediction (v9.0.8)

Program copyright Marshall Day Acoustics 2017
margin of error is generally within Rw +/- 3 dB
- Key No. 1197
Job Name:
Job No.:
Date:11-12-2024
File Name:05 C

Initials:leonardo.ramella

Notes:



Rw 56 dB
C -1 dB
Ctr -4 dB

Mass-air-mass resonant frequency = =0 Hz , 0 Hz
Panel Size = 2,7 m x 4,0 m
Partition surface mass = 64,3 kg/m²

System description

Panel 1 : 1 x 7 mm Cubierta de pizarra D 2910 + 1 x 15 mm Madera terciada D560

Frame: Pitched Roof; Cavity Width 245,1 mm ,Stud spacing 600 mm , 1 x Fibra de Vidrio (10kg/m3) Thickness 80 mm
Panel 2 + 1 x 15,1 mm Madera OSB (Oriented Strand Board) D562

Frame: Timber stud; Cavity Width 42,5 mm ,Stud spacing 600 mm , 1 x Fibra de Vidrio (10kg/m3) Thickness 50 mm
Panel 3 + 2 x 15 mm Yeso Cartón RF 15 Volcán D850

Floor Cover: Thickness 0,02 mm

freq.(Hz)	TL(dB)	TL(dB)
50	30	
63	34	33
80	37	
100	40	
125	42	42
160	45	
200	47	
250	49	49
315	50	
400	52	
500	54	53
630	55	
800	56	
1000	56	56
1250	56	
1600	54	
2000	60	56
2500	57	
3150	67	
4000	69	69
5000	71	

