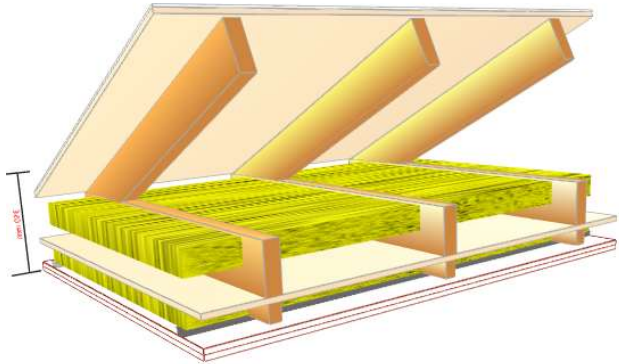


Sound Insulation Prediction (v9.0.8)

Program copyright Marshall Day Acoustics 2017
margin of error is generally within Rw +/- 3 dB
- Key No. 1197
Job Name:
Job No.:
Date:10-12-2024
File Name:06 C

Initials:leonardo.ramella

Notes:



Rw 61 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 = 64,1 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 240,1 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: Solid Joist with resilient rail; 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	31	
63	36	34
80	40	
100	43	
125	46	45
160	50	
200	52	
250	54	54
315	56	
400	57	
500	59	59
630	60	
800	61	
1000	61	61
1250	61	
1600	59	
2000	65	62
2500	63	
3150	72	
4000	74	74
5000	76	

