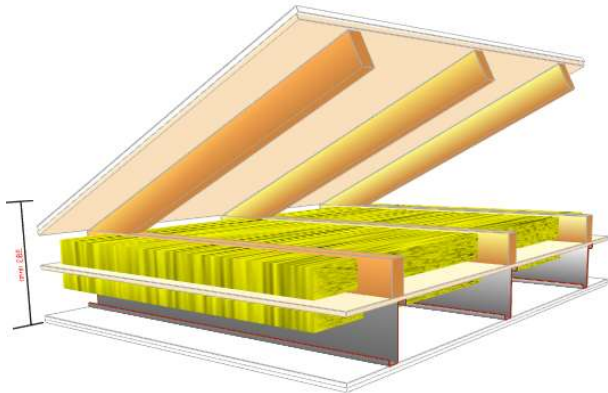


Sound Insulation Prediction (v9.0.8)

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:05-12-2024
File Name:08 C

Initials:leonardo.ramella

Notes:



Rw 60 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 = 65 kg/m²

System description

Panel 1 : 1 x 14 mm Cubierta de tejas D2392 + 1 x 15 mm Madera terciada D560

Frame: Pitched Roof; Cavity Width 198,4 mm ,Stud spacing 600 mm , 1 x Fibra de Vidrio (10kg/m3) Thickness 80 mm
Panel 2 + 1 x 11 mm Madera OSB (Oriented Strand Board) D562

Frame: Z Purlin; Cavity Width 125 mm ,Stud spacing 600 mm , 1 x Fibra de Vidrio (10kg/m3) Thickness 50 mm
Panel 3 + 2 x 10 mm Yeso cartón RF 10 Volcan D780

Floor Cover: Thickness 0,02 mm

freq.(Hz)	TL(dB)	TL(dB)
50	29	
63	34	32
80	38	
100	42	
125	46	45
160	49	
200	50	
250	52	52
315	54	
400	55	
500	57	57
630	58	
800	60	
1000	61	60
1250	61	
1600	60	
2000	59	61
2500	65	
3150	65	
4000	72	69
5000	74	

