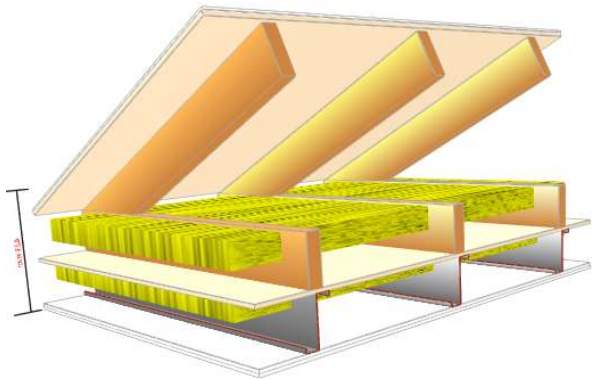


# Sound Insulation Prediction (v9.0.8)

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:09 C

Initials:leonardo.ramella

Notes:



Rw 58 dB

C -2 dB

Ctr -5 dB

Mass-air-mass resonant frequency = -0 Hz , 0 Hz  
Panel Size = 2,7 m x 4,0 m  
Partition surface mass = 51,9 kg/m²

## System description

Panel 1 : 1 x 7 mm Cubierta de pizarra + 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 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	27	
63	32	30
80	36	
100	40	
125	44	43
160	46	
200	48	
250	50	50
315	51	
400	53	
500	55	54
630	56	
800	57	
1000	58	58
1250	58	
1600	56	
2000	63	59
2500	63	
3150	63	
4000	70	66
5000	72	

