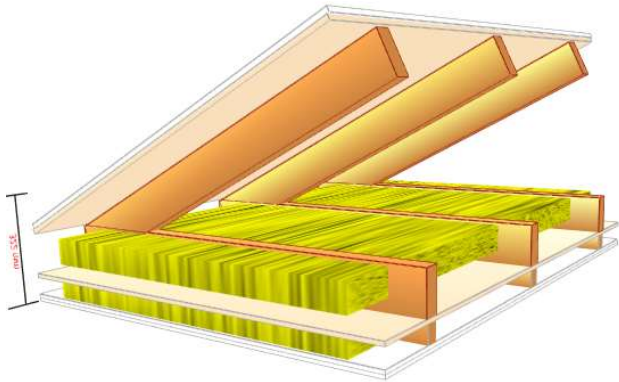


Sound Insulation Prediction (v9.0.8)

Program copyright Marshall Day Acoustics 2017
margin of error is generally within Rw +/- 3 dB
- Key No. 1197
Job Name:
Job No.:
Date:05-12-2024
File Name:07 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 = 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 219,2 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: Solid Joist; Cavity Width 42,5 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	28	
63	34	32
80	38	
100	41	
125	43	43
160	45	
200	48	
250	50	49
315	51	
400	53	
500	55	54
630	56	
800	58	
1000	59	58
1250	59	
1600	58	
2000	57	58
2500	63	
3150	63	
4000	70	67
5000	72	

