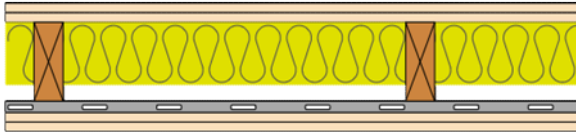


Sound Insulation Prediction (v9.0.8)

Program copyright Marshall Day Acoustics 2017
margin of error is generally within Rw +/- 3 dB
- Key No. 1197
Job Name:
Job No.:
Date:04-11-2024
File Name:03 Cubierta Rw 56(-2).ixl

Initials:leonardo.ramella

Notes:



Rw 56 dB
C -2 dB
Ctr -7 dB

Mass-air-mass resonant frequency = -45 Hz
Panel Size = 2,7 m x 4,0 m
Partition surface mass = 39,5 kg/m²

System description

Panel 1 : 1 x 0,6 mm Acero + 2 x 15,1 mm Madera OSB (Oriented Strand Board) D562

Frame: Solid Joist with resilient rail; Cavity Width 143 mm ,Stud spacing 600 mm , 1 x Fibra de Vidrio (10kg/m3) Thickness 100 mm
Panel 2 + 2 x 15 mm Madera terciada D560

Floor Cover: Thickness 0,02 mm

freq.(Hz)	TL(dB)	TL(dB)
50	13	
63	20	17
80	27	
100	33	
125	38	36
160	42	
200	45	
250	48	47
315	50	
400	53	
500	55	54
630	56	
800	58	
1000	58	58
1250	57	
1600	55	
2000	56	56
2500	60	
3150	64	
4000	68	67
5000	72	

