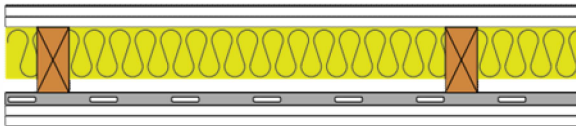


Sound Insulation Prediction (v9.0.8)

Program copyright Marshall Day Acoustics 2017
margin of error is generally within Rw +/- 3 dB
- Key No. 1197
Job Name:
Job No.: Initials:leonardo.ramella
Date:28-11-2024
File Name:10 Cubierta Rw 60(-2).ixl



Notes:



Rw 61 dB
C -2 dB
Ctr -7 dB

Mass-air-mass resonant frequency = 42 Hz
Panel Size = 2,7 m x 4,0 m
Partition surface mass = 54,9 kg/m²

System description

Panel 1 : 1 x 0,4 mm Acero + 2 x 15 mm Yeso Cartón RF 15 Volcán D850

Frame: Solid Joist with resilient rail; Cavity Width 112 mm ,Stud spacing 600 mm , 1 x Fibra de Vidrio (1 0kg/m3) Thickness 80 mm
Panel 2 + 2 x 15 mm Yeso Cartón RF 15 Volcán D850

Floor Cover: Thickness 0,02 mm

freq.(Hz)	TL(dB)	TL(dB)
50	16	
63	24	20
80	31	
100	37	
125	42	40
160	46	
200	50	
250	53	52
315	55	
400	58	
500	60	59
630	62	
800	64	
1000	65	65
1250	66	
1600	67	
2000	66	63
2500	59	
3150	61	
4000	65	64
5000	69	

