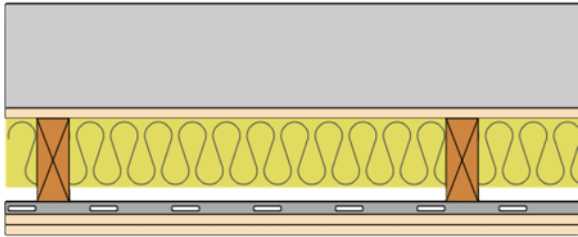


# Sound Insulation Prediction (v9.0.8)

Program copyright Marshall Day Acoustics 2017  
margin of error is generally within Rw +/- 3 dB  
- Key No. 1197  
Job Name:  
Job No.:  
Date:11-12-2024  
File Name:EP-C2 - 03 Entrepiso Rw 64(0).ixl

Initials:

Notes:



Rw 64 dB  
C 0 dB  
Ctr -3 dB

Mass-air-mass resonant frequency = 38 Hz  
Panel Size = 2,7 m x 4,0 m  
Partition surface mass = 378 kg/m²

## System description

Panel 1 : 1 x 150 mm Hormigón + 1 x 15 mm Madera terciada D560

Frame: Timber stud; Cavity Width 120 mm ,Stud spacing 600 mm , 1 x Fibra de Vidrio 14 kg/m3 100 mm Thickness 100 mm  
Panel 2 + 2 x 15 mm Madera terciada D560

Floor Cover: None Thickness 0,02 mm

freq.(Hz)	TL(dB)	TL(dB)
50	36	
63	44	40
80	50	
100	55	
125	58	57
160	60	
200	56	
250	53	55
315	55	
400	58	
500	60	60
630	63	
800	65	
1000	66	66
1250	67	
1600	68	
2000	84	72
2500	88	
3150	91	
4000	95	94
5000	99	

