

Sound Insulation Prediction (v9.0.22)

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Margin of error is generally within STC ± 3 dB

- Key No.

Job Name:

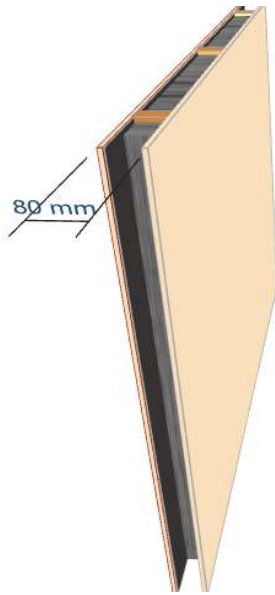
Job No.:

Date:01/06/2023

File Name:Pintu STC 34.ixl

Initials:admin

Notes:



STC 36
OITC 24

Mass-air-mass resonant frequency = -115 Hz

Panel Size = 2,7 m x 4,0 m

Partition surface mass = 19,1 kg/m²

System description

Panel 1 : 1 x 9 mm Plywood

+ 1 x 2 mm Load Mass Resin D2000

Frame: Timber stud (60 mm x 40 mm), Stud spacing 600 mm ; Cavity Width 60 mm , 1 x Rockwool (100kg/m³) Thickness 50 mm

Panel 2 : 1 x 9 mm Plywood

freq.(Hz)	TL(dB)	TL(dB)
50	14	
63	15	15
80	15	
100	16	
125	12	14
160	17	
200	22	
250	28	26
315	32	
400	36	
500	39	38
630	41	
800	43	
1000	45	45
1250	47	
1600	48	
2000	47	46
2500	45	
3150	50	
4000	46	49
5000	50	

