

Sound Insulation Prediction (v9.0.11)



Program copyright Marshall Day Acoustics 2017
margin of error is generally within STC +/- 3 dB
MasAcoustics & Co. - Key No. 2016

Job Name:

Job No.:

Initials:

Date.:17/01/19

File Name:Pannello Legno .ixl

Notes:



STC 40
OITC 35

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

Partition surface mass = 44,9 kg/m²

System description

Panel 1 : 2 x 19,1 mm MDF (medium density fiberboard)
+ 1 x 19,1 mm MDF (medium density fiberboard)

+ 1 x 2,5 mm Flat Barrier 5A

freq.(Hz)	TL(dB)	TL(dB)
50	24	
63	25	25
80	26	
100	27	
125	29	29
160	30	
200	32	
250	33	33
315	35	
400	36	
500	38	38
630	39	
800	40	
1000	41	40
1250	40	
1600	37	
2000	40	39
2500	43	
3150	46	
4000	49	48
5000	52	

