

Sound Insulation Prediction (v8.0.1)

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- Key No. 2016

Margin of error is generally within $R_w \pm 3$ dB

Job Name:

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Notes:

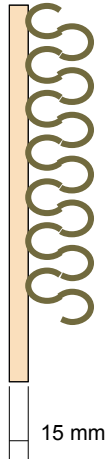
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R_w	32 dB
C	-2 dB
C_{tr}	-6 dB
D_{nTw}	34 dB <small>[V:50m3] [A:11m2]</small>

System description

Panel 1: 1 x 15,0 mm OSB (Oriented Strand Board) (ρ :562 kg/m³, E:3GPa, ν :0,02)

Absorptive facing : Lane di roccia (60kg/m³) Thickness 50 mm

Panel Size 2,7x4 m

frequency (Hz)	R(dB)	R(dB)
50	10	
63	11	11
80	12	
100	13	
125	15	14
160	16	
200	17	
250	21	20
315	24	
400	27	
500	30	30
630	34	
800	36	
1000	37	37
1250	38	
1600	35	
2000	33	35
2500	38	
3150	41	
4000	44	44
5000	48	

