

Sound Insulation Prediction (v8.0.0)

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AVprojekt - Key No. 3816

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

Job Name:

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Notes:

Date: 1 lip 20

Initials:

File Name: insul



R_w 57 dB

C -1 dB

C_{tr} -5 dB

D_{nTw} 59 dB [V:50m3]
[A:11m2]

System description

Panel 1 : 1 x 240.0 mm Silka E175 (ρ :1725 kg/m³, E:8GPa, η :0.04)

frequency (Hz)	R(dB)	R(dB)
50	42	
63	43	43
80	43	
100	43	
125	40	41
160	41	
200	44	
250	46	46
315	49	
400	51	
500	54	53
630	56	
800	58	
1000	60	60
1250	62	
1600	63	
2000	65	65
2500	66	
3150	68	
4000	69	69
5000	71	

Panel Size 2.7x4 m

