

# Sound Insulation Prediction (v8.0.12)

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ACOUSTIC Project Bureau - Key No. 3806

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

Job Name:

Job No.:

Date: 17 map 20

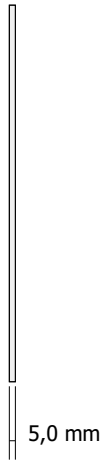
File Name: insul

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Initials:



Notes:



$R_w$	30 dB
C	-1 dB
$C_{tr}$	-5 dB
$D_{nTw}$	32 dB <small>[V:50m3] [A:11m2]</small>

## System description

Panel 1 : 1 x 5,0 mm Vibrofix ML (p:1950 kg/m<sup>3</sup>,E:0,03GPa,η:0,20, ps:9,75 kg/m<sup>2</sup>, fc:1,046E5 Hz)

Panel Size 2,7x4 m; Mass 9,8 kg/m<sup>2</sup>

frequency (Hz)	R(dB)	R(dB)
50	11	
63	12	12
80	13	
100	14	
125	16	16
160	17	
200	19	
250	20	20
315	22	
400	24	
500	25	25
630	27	
800	29	
1000	30	30
1250	32	
1600	34	
2000	36	36
2500	38	
3150	39	
4000	41	41
5000	43	

