

Sound Insulation Prediction (v5.5)

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metu

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Margin of error is generally within +/- 3Rw

JobName:

Notes:

Job No.:

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Date: 12 Pub 08

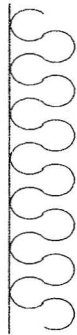
Initials:

File name:insul3_panelsan.ins

1 x 0,6 mm Steel

1 x 0,4 mm Steel

51,0 mm



50,0 mm

Studs @ 600 mm

Surf. mass 4,7 kg/m²

Surf. mass 3,1 kg/m²

Crit. freq 20833 Hz

Crit. freq 31250 Hz

damping 0,01

fo =196 Hz

damping 0,01

Panel size 2,7x4 m

infill Rockwool (60kg) thickness 50 mm

Rw 32

C -3

Ctr -8



Frequency (Hz)	TL(dB)	TL(dB)
50	10	
63	11	11
80	12	
100	13	
125	14	14
160	16	
200	10	
250	18	14
315	25	
400	30	
500	35	34
630	41	
800	46	
1000	52	49
1250	52	
1600	56	
2000	59	58
2500	63	
3150	66	
4000	70	69
5000	73	

