

# Sound Insulation Prediction (v6.4)

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- Key No. 0002

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

Job Name:

Notes:

Job No.:

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Date: 11 Nov 10

Initials:keith

File Name: insul



**Rw 27 dB**  
 C -2 dB  
 Ctr -4 dB

## System description

Panel 1 Outer layer: 1 x 0.5 mm Kingspan KS1000 RW 80/100/120mm- (m=11.4 kg/m<sup>2</sup>, fc=23585 Hz, damping=0.01)

Panel Size 2.7x4 m

frequency (Hz)	TL(dB)	TL(dB)
50	13	
63	13	13
80	15	
100	16	
125	17	17
160	19	
200	20	
250	21	21
315	23	
400	24	
500	25	25
630	26	
800	26	
1000	23	22
1250	19	
1600	31	
2000	37	35
2500	39	
3150	41	
4000	43	42
5000	44	

