

Sound Insulation Prediction (v6.4)

Program copyright Marshall Day Acoustics 2010



Key No. 0005

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

Job Name: Sorberbarrier 2.8 kg m²

Job No.:

Page No.:

Date: 12 Apr 12

Initials:miclat

File Name: 2-8 kg sorberbarrier.ins

Notes:

Sorberbarrier 2.8 kg m² verses
Sorberbarrier 2.0 kg m²

STC 24

OITC 17

System description

Panel 1 Outer layer: 1 x 1.6 mm Sorberbarrier 2.8kg- (m=2.8 kg/m², fc=106293 Hz, damping=0.01)

Panel 1 Outer layer: 1 x 1.2 mm Sorberbarrier 2.0kg- (m=2.0kg/m², fc=106293 Hz, damping=0.01)

Sorberbarrier 2.8kg m2		
frequency (Hz)	TL(dB)	TL(dB)
50	8	
63	8	8
80	8	
100	9	
125	10	10
160	11	
200	13	
250	14	14
315	16	
400	18	
500	19	19
630	21	
800	23	
1000	24	24
1250	26	
1600	28	
2000	30	29
2500	31	
3150	33	
4000	35	35
5000	37	

Panel Size 2.7x4 m

