

# decorSlot

Test Method: AS 1045-1988, MEASUREMENT OF SOUND ABSORPTION IN A REVERBERATION ROOM.

RMIT Test No.: 121I/04-069/PD  
 Report No.: A03RMST1  
 Test No.: A03D44RMV1  
 Date of test: 1/06/2004  
 Product: DecorSlot

Sample tested in the following configuration:

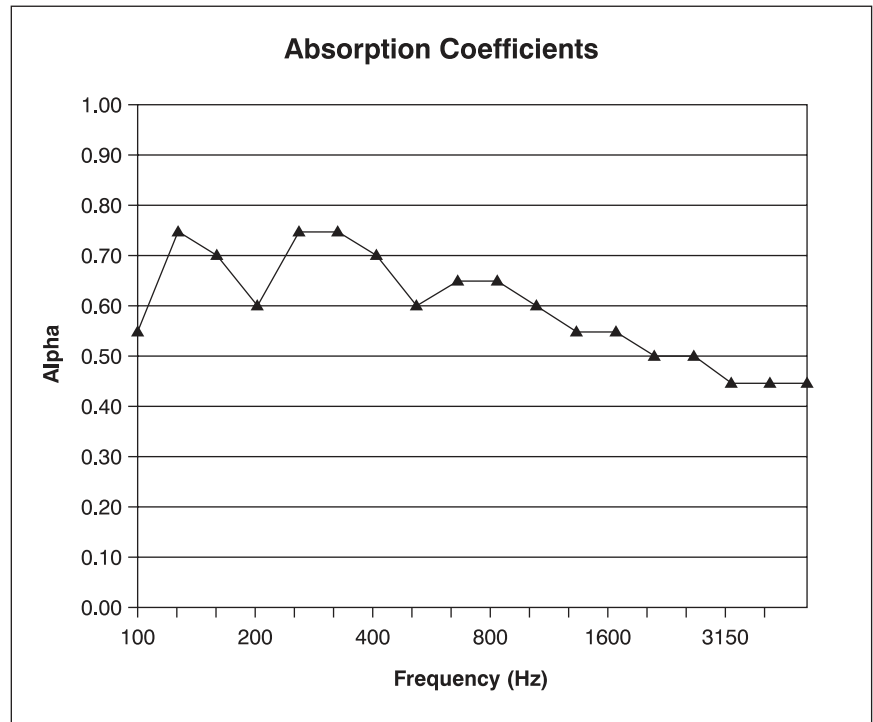
Surface panel: DecorSlot  
 Material: Fibre-Cement with DecorSorb backing  
 Panel thickness: 6mm  
 Panel type: DecorSlot  
 Open area: 10%  
 Insulation: None  
 Air gap under panel: 400mm  
 Sample size: 8.64 square metres

The perimeter of the sample was enclosed with an MDF frame.

Table 26

Frequency (Hertz)	Sound Absorption Coefficient (Alpha)
100	0.55
125	0.75
160	0.70
200	0.60
250	0.75
315	0.75
400	0.70
500	0.60
630	0.65
800	0.65
1000	0.60
1250	0.55
1600	0.55
2000	0.50
2500	0.50
3150	0.45
4000	0.45
5000	0.45

Graph 26



NRC = 0.60

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Test Method: AS 1045-1988, MEASUREMENT OF SOUND ABSORPTION IN A REVERBERATION ROOM.

RMIT Test No.: 121I/04-069/PD  
 Report No.: A03RMST1  
 Test No.: A03D44RMV2  
 Date of test: 2/06/2004  
 Product: DecorSlot

Sample tested in the following configuration:

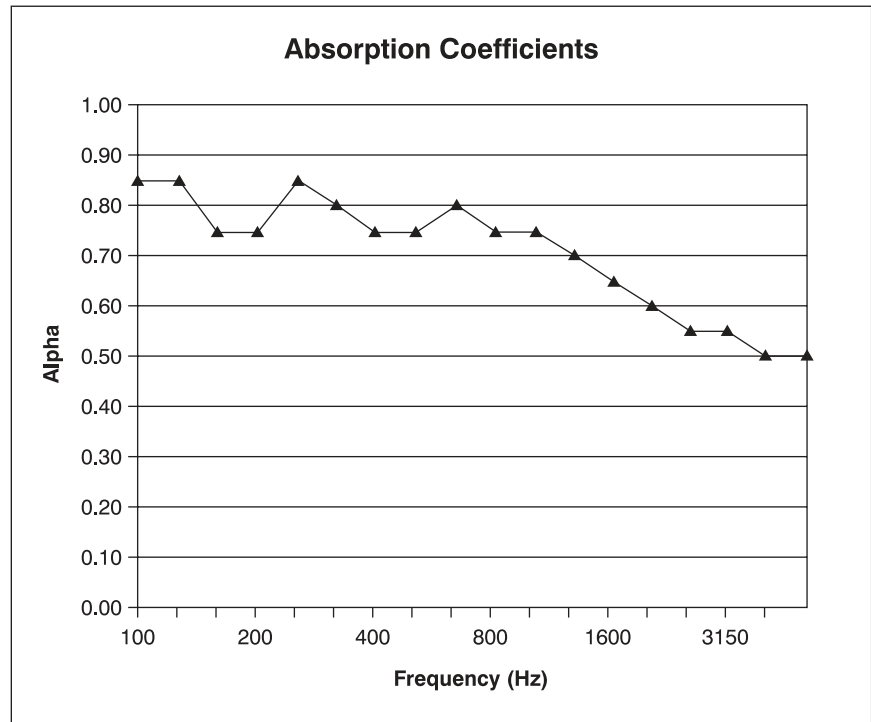
Surface panel: DecorSlot  
 Material: Fibre-Cement with I.A.B. backing  
 Panel thickness: 6mm  
 Panel type: DecorSlot  
 Open area: 10%  
 Insulation: R-2.5 polyester, mounted directly under panel face  
 Air gap under panel: 400mm  
 Sample size: 8.64 square metres

The perimeter of the sample was enclosed with an MDF frame.

Table 27

Frequency (Hertz)	Sound Absorption Coefficient (Alpha)
100	0.85
125	0.85
160	0.75
200	0.75
250	0.85
315	0.80
400	0.75
500	0.75
630	0.80
800	0.75
1000	0.75
1250	0.70
1600	0.65
2000	0.60
2500	0.55
3150	0.55
4000	0.50
5000	0.50

Graph 27



NRC = 0.75