

decorBoard

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.: A03D44RMB1
 Date of test: 3/06/2004
 Product: DecorBoard

Sample tested in the following configuration:

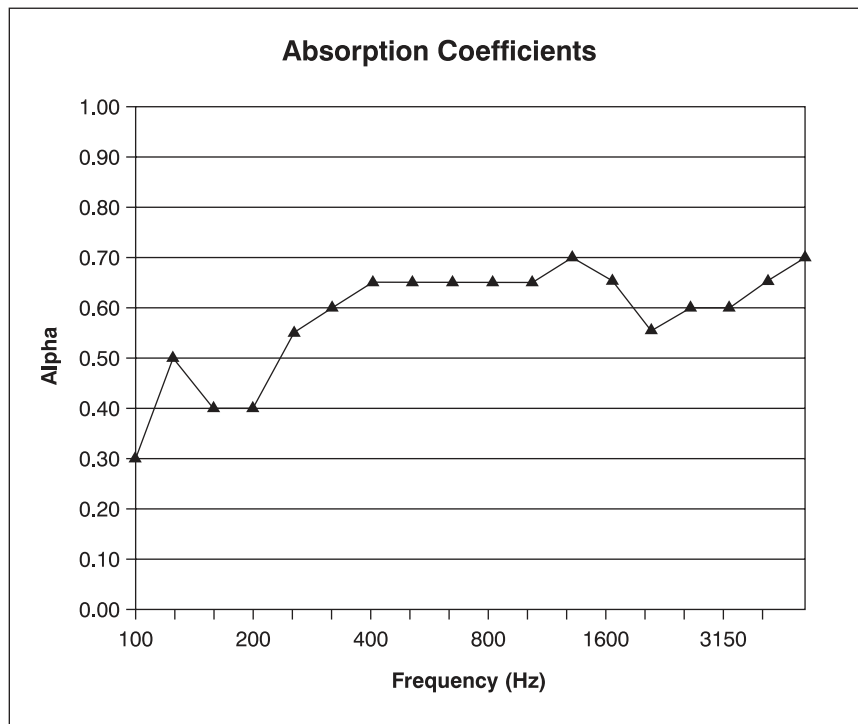
Surface panel: DecorBoard
 Material: Plaster board with DecorSorb backing
 Panel thickness: 13mm
 Panel type: AP125S/45
 Open area: 10.2%
 Insulation: None
 Air gap under panel: 90mm
 Sample size: 8.64 square metres

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

Table 1

Frequency (Hertz)	Sound Absorption Coefficient (Alpha)
100	0.30
125	0.50
160	0.40
200	0.40
250	0.55
315	0.60
400	0.65
500	0.65
630	0.65
800	0.65
1000	0.65
1250	0.70
1600	0.65
2000	0.55
2500	0.60
3150	0.60
4000	0.65
5000	0.70

Graph 1



NRC = 0.60

