

Echostop[®]

SOUND ABSORPTIVE DECORATIVE PLASTERBOARD

creating better living

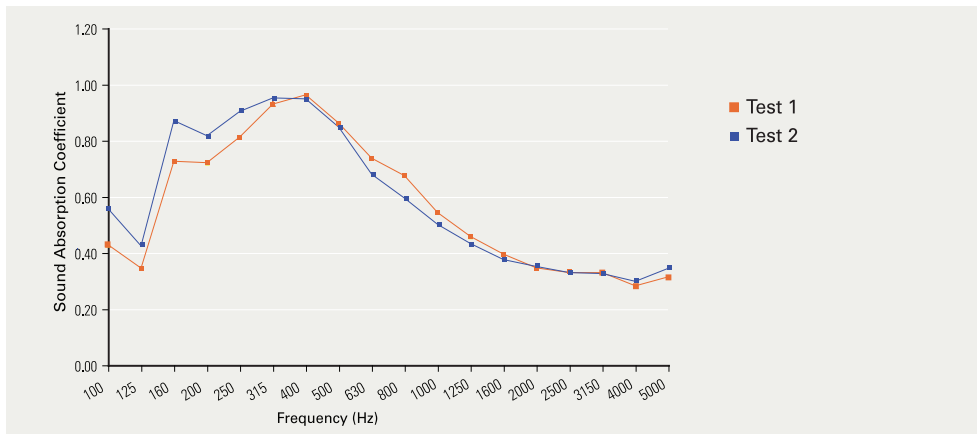


PRODUCT DATA SHEETS

Perforated Plasterboard 3mm Square Hole

Sound Absorption

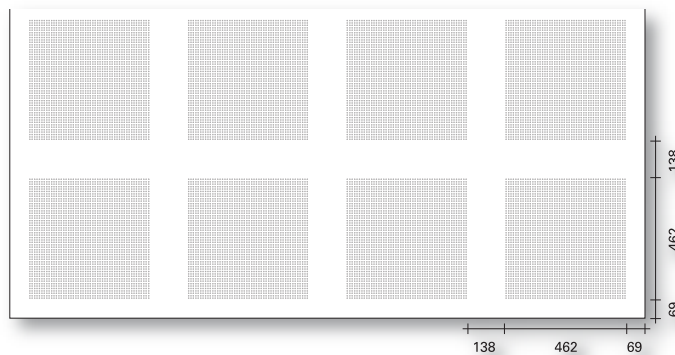
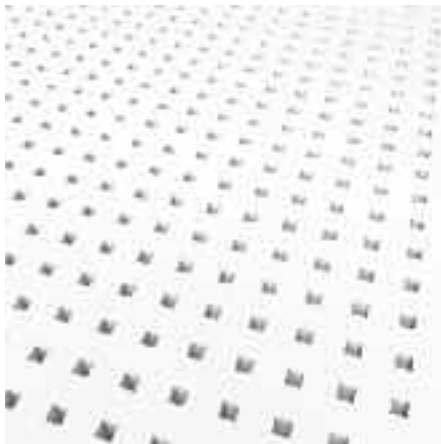
Acoustic Absorption 1/3 Octave Band Data - 3mm Square Hole Pattern



Specification: 3mm square hole

Board details:

- open area 7.84%
- acoustic fabric backing
- pattern 50 x 50 hole, 8 patterns/sheet
- sheet size 12.5mm x 1200mm x 2400mm
- product code: **13PP3SH1224.**



Sound Absorption Coefficients

1/3 Octave Band Sound Absorption Coefficient α_w at Frequency (Hz) 3mm Square Hole

Hz	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Test 1	0.42	0.34	0.72	0.72	0.81	0.92	0.96	0.86	0.73	0.67	0.54	0.45	0.39	0.34	0.32	0.32	0.28	0.31
Test 2	0.55	0.42	0.87	0.81	0.90	0.95	0.94	0.84	0.67	0.59	0.50	0.43	0.37	0.35	0.32	0.32	0.29	0.34

Test Details

Test	Plenum	Insulation	NRC	α_w
1	50mm plenum	70mm glasswool insulation, 13kg/m ³	0.65	0.40
2	100mm plenum	70mm glasswool insulation, 13kg/m ³	0.65	0.40

Test Reference: 1. - RMIT 1211/08-244/PD | 2. - RMIT 1211/08-249/PD