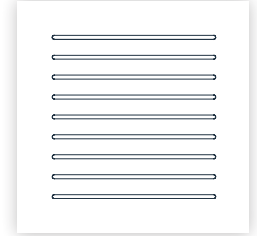


# euroHush

## S1/90/GW

### SLOTTED ACOUSTIC ABSORPTION PANEL



S1

**NRC 0.70 | 102mm Overall Depth of System**

#### PANEL DETAILS

Panel Material	MDF
Panel Thickness	12mm
Panel Hole Pattern	1100mm long x 10mm wide
Number of Slots per Panel	53 slots at 50mm centres
Nominal Open Area Percentage	15.7%
Panel Backing Material	Black tissue

#### AIR GAP AND CAVITY DETAILS

Air Gap Behind Panel Material	90mm
Cavity Infill Material	115mm thick glasswool insulation

#### ACOUSTIC TEST REPORTING

Independent NATA Approved Test Laboratory	RMIT University (Victoria, Australia)
Date of Specimen Test	13 February 2013
Acoustic Test Report Reference Number	13-019/PD

#### HOW TO SPECIFY

EXAMPLE: **EH-S1/90/GW-substrate-finish-colour**

Substrate	<b>Standard MDF</b>	<b>S</b>	
	<b>Black MDF</b>	<b>B</b>	
	<b>Plywood</b>	<b>P</b>	
Finish	<b>Prefinished</b>	<b>PR</b>	
	<b>Polyurethane</b>	<b>PO</b>	
	<b>Veneer</b>	<b>V</b>	
	<b>Magnetic</b>	<b>M</b>	
Other	<b>Species/colour</b>	<b>?</b>	<i>State species/colour</i>

#### ACOUSTIC PERFORMANCE DATA

Frequency (Hertz)	Sound Absorption Coefficient ( $\alpha_s$ )
100	0.25
125	0.36
160	0.67
200	0.73
250	1.01
315	1.01
400	0.92
500	0.85
630	0.78
800	0.66
1000	0.56
1250	0.48
1600	0.43
2000	0.43
2500	0.36
3150	0.35
4000	0.32
5000	0.30

