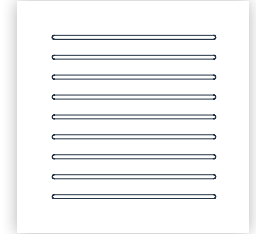


euroHUSH

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

ACOUSTIC PERFORMANCE DATA

| Frequency (Hertz) | Sound Absorption Coefficient (α _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 |

