

## Data Sheet 1

**Test Number:** 2  
**Client:** Sound Planning Ltd  
**Test Date:** 17/02/2020  
**Sample Height:** 1.1 m  
**Sample Width:** 1.1 m  
**Sample Weight:** N/A kg/m<sup>2</sup>

**Test Room:**  
**Air Temperature:** 10.2 °C  
**Air Humidity:** 59 %  
**Volume:** 55 m<sup>3</sup>

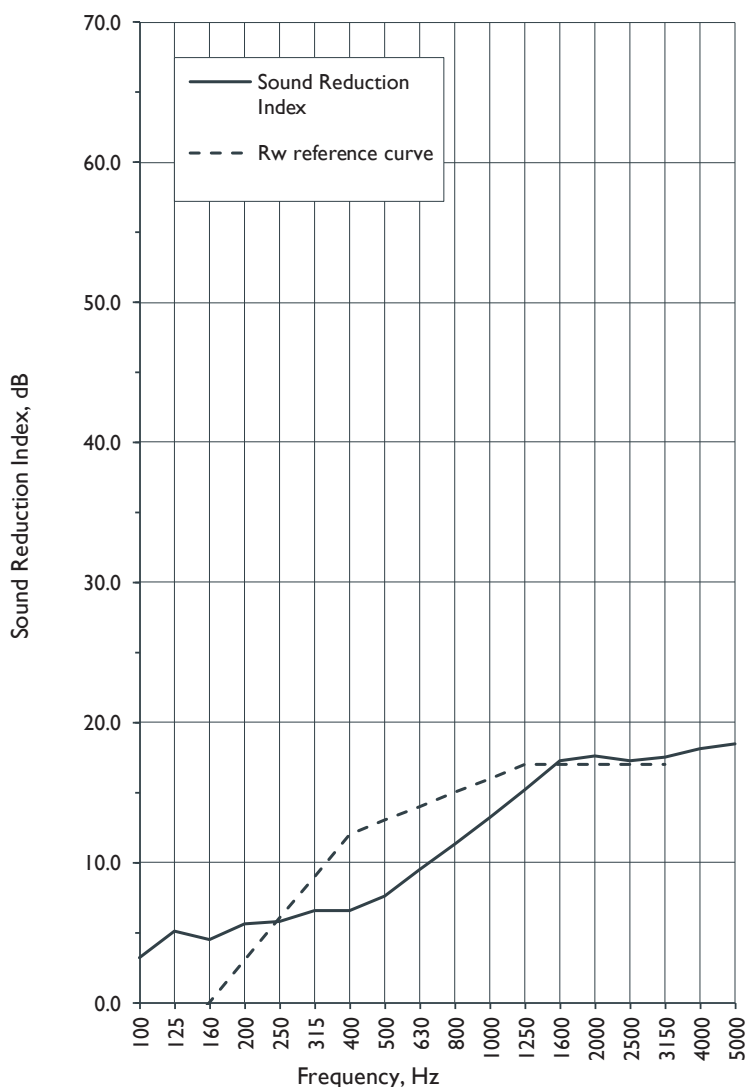
**Receiving**  
**Air Temperature:** 11.1 °C  
**Air Humidity:** 55 %  
**Volume:** 50 m<sup>3</sup>

**Air Pressure:** 998 mbar

### Product

**Identification:** Louvre AL150 50/50 P45

| Freq, f<br>Hz       | Sound Reduction<br>Index, dB |                 |
|---------------------|------------------------------|-----------------|
|                     | 1/3 Oct                      | Octave          |
| 50+                 | 17.1                         | 11.3            |
| 63+                 | 20.4                         |                 |
| 80+                 | 7.2                          |                 |
| 100                 | 3.2                          | 4.2             |
| 125                 | 5.1                          |                 |
| 160                 | 4.5                          |                 |
| 200                 | 5.6                          | 6.0             |
| 250                 | 5.8                          |                 |
| 315                 | 6.6                          |                 |
| 400                 | 6.6                          | 7.7             |
| 500                 | 7.6                          |                 |
| 630                 | 9.5                          |                 |
| 800                 | 11.3                         | 12.9            |
| 1000                | 13.2                         |                 |
| 1250                | 15.2                         |                 |
| 1600                | 17.3                         | 17.4            |
| 2000                | 17.6                         |                 |
| 2500                | 17.3                         |                 |
| 3150                | 17.5                         | 18.0            |
| 4000                | 18.1                         |                 |
| 5000                | 18.5                         |                 |
| 6300+               | 18.6                         | 17.8            |
| 8000+               | 18.0                         |                 |
| 10000+              | 17.0                         |                 |
| Average<br>100-3150 | 10.2                         | Version<br>v3.1 |



Rating according to BS EN ISO 717-1:2013

**R<sub>w</sub>(C;C<sub>tr</sub>)= 13 (-1 ; -3) dB**

\* shows measurement corrected for background

> shows measurement limited by background

+ shows Frequency beyond standard and not UKAS accredited