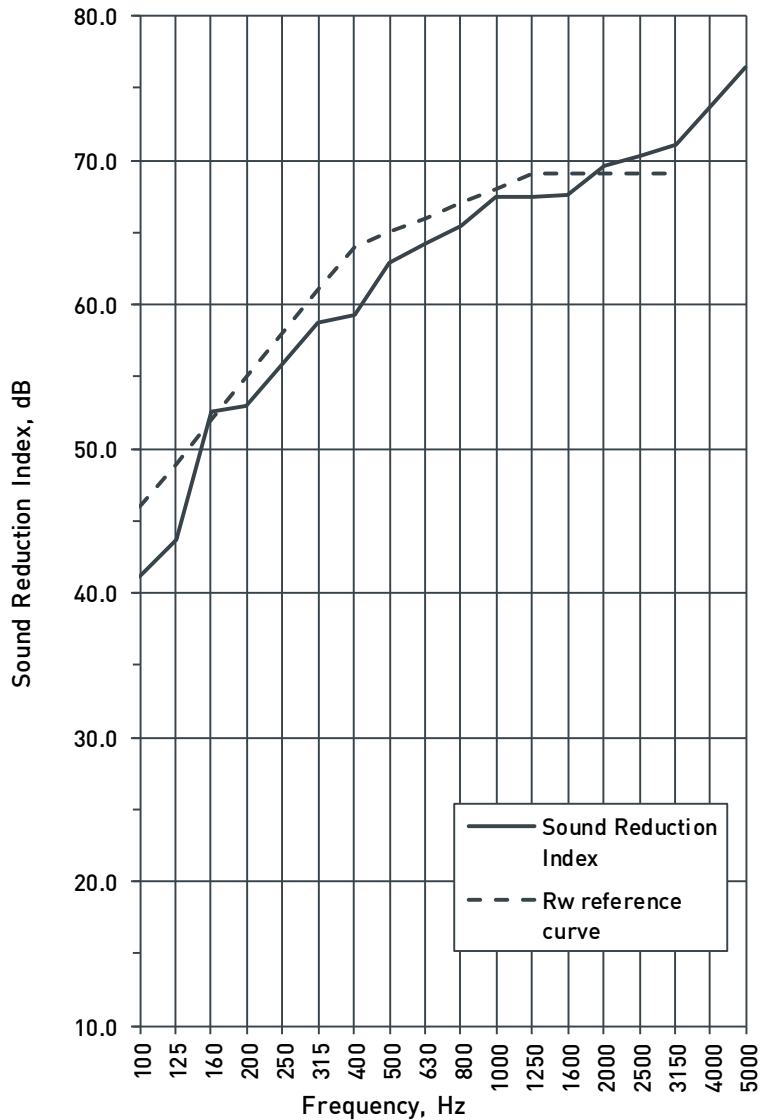


**Data Sheet 2**

<b>Test Number:</b>	3	<b>Test Room:</b>	<b>Source</b>	<b>Receiving</b>
<b>Client:</b>	IPP Black Mountain	<b>Air Temperature:</b>	20.6 °C	20.1 °C
<b>Test Date:</b>	15/06/2017	<b>Air Humidity:</b>	67 %	71 %
<b>Sample Height:</b>	2.92 m	<b>Volume:</b>	55 m <sup>3</sup>	50 m <sup>3</sup>
<b>Sample Width:</b>	3.84 m			
<b>Sample Weight:</b>	49.87 kg/m <sup>2</sup>	<b>Air Pressure:</b>	1006 mbar	

**Product** 9mm MagPly, 12mm MagPly, 70mm I stud with 75mm wool insulation, 50mm  
**Identification:** cavity with 50mm wool insulation, 70mm I stud with 75mm wool insulation, 12mm MagPly, 9mm MagPly

Freq, f Hz	Sound Reduction Index, dB	
	1/3 Oct	Octave
50+	25.5	28.6
63+	29.3	
80+	38.4	
100	41.1	43.7
125	43.7	
160	52.5	
200	52.9	55.2
250	55.9	
315	58.8	
400	59.3	61.6
500	62.9	
630	64.3	
800	65.4	66.6
1000	67.5	
1250	67.4	
1600	67.6	69.0
2000	69.6	
2500	70.3	
3150	71.1	73.3
4000	73.8 *	
5000	76.5 *	
6300+	79.4 *	71.6
8000+	74.9 *	
10000+	67.8 *	
Average 100-3150	60.6	Version v3.0



Rating according to BS EN ISO 717-1:2013

**R<sub>w</sub>(C;C<sub>tr</sub>)= 65 (-2 ; -8) dB**

\* shows measurement corrected for background

> shows measurement limited by background

+ shows Frequency beyond standard and not UKAS accredited