

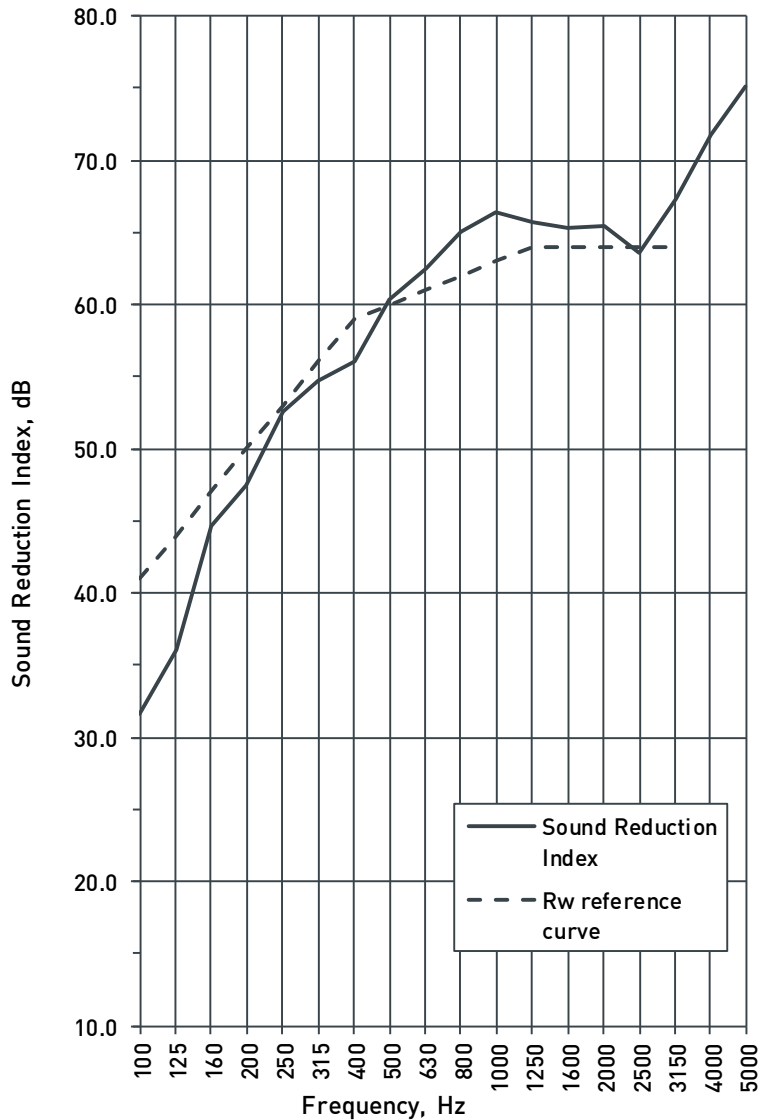
**Data Sheet I**

**Test Number:** 2  
**Client:** IPP Black Mountain  
**Test Date:** 15/06/2017  
**Sample Height:** 2.92 m  
**Sample Width:** 3.84 m  
**Sample Weight:** 31.39 kg/m<sup>2</sup>

**Test Room:**                      **Source**                      **Receiving**  
**Air Temperature:** 20.1 °C                      19.8 °C  
**Air Humidity:** 65 %                      70 %  
**Volume:** 55 m<sup>3</sup>                      50 m<sup>3</sup>  
**Air Pressure:** 1006 mbar

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

Freq, f Hz	Sound Reduction Index, dB	
	1/3 Oct	Octave
50+	17.5	20.6
63+	21.6	
80+	29.6	
100	31.6	34.9
125	36.0	
160	44.6	
200	47.4	50.4
250	52.6	
315	54.7	
400	56.0	58.8
500	60.3	
630	62.5	
800	65.1	65.7
1000	66.4	
1250	65.7	
1600	65.3	64.7
2000	65.4	
2500	63.6	
3150	67.3	70.2
4000	71.7	
5000	75.1 *	
6300+	78.3 *	71.8
8000+	75.0 *	
10000+	68.2 *	
Average 100-3150	56.5	Version v3.0



Rating according to BS EN ISO 717-1:2013

**R<sub>w</sub>(C;C<sub>tr</sub>)= 60 (-4 ; -10) dB**

\* shows measurement corrected for background

> shows measurement limited by background

+ shows Frequency beyond standard and not UKAS accredited