

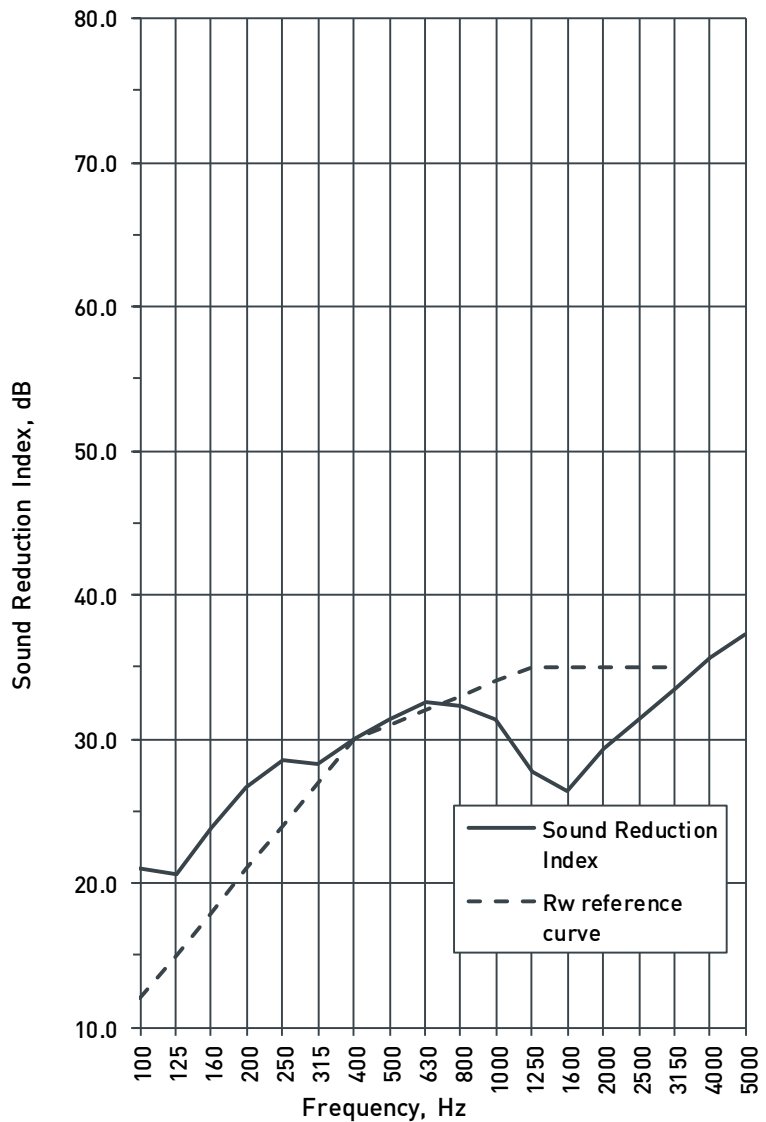
Data Sheet 4

Test Number: 5
Client: IPP Black Mountain
Test Date: 03/05/2017
Sample Height: 2.2 m
Sample Width: 2 m
Sample Weight: 20.83 kg/m²

Test Room: **Source** **Receiving**
Air Temperature: 13.1 °C 13.5 °C
Air Humidity: 67 % 66 %
Volume: 55 m³ 300 m³
Air Pressure: 1014 mbar

Product Identification: 20mm MagPly

Freq, f Hz	Sound Reduction Index, dB	
	1/3 Oct	Octave
50+	18.4	16.3
63+	15.6	
80+	15.4	
100	21.0	21.6
125	20.7	
160	23.9	
200	26.7	27.8
250	28.6	
315	28.3	
400	30.0	31.2
500	31.3	
630	32.6	
800	32.3	30.0
1000	31.4	
1250	27.7	
1600	26.4	28.6
2000	29.4	
2500	31.4	
3150	33.5	35.2
4000	35.6	
5000	37.3	
6300+	39.1	38.8
8000+	38.1	
10000+	39.2	
Average 100-3150	28.5	Version v3.0



Rating according to BS EN ISO 717-1:2013

R_w(C;C_{tr})= 31 (-2 ; -2) dB

* shows measurement corrected for background

> shows measurement limited by background

+ shows Frequency beyond standard and not UKAS accredited