

**100mm Aglite block wall with 12.5mm Lafarge
Wallboard on dabs to both sides**

Project The Laboratory Determination of the Airborne Sound
Transmission of Aglite Party Block Walls

Prepared for Plasmor Concrete Products
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Summary Tests have been done in SRL's Laboratory at Holbrook House, Sudbury,
Suffolk, to determine the airborne sound transmission of various masonry
block walls in accordance with BS EN ISO 140-3:1995.

From these measurements the required results have been derived
and are presented in both tabular and graphic form on page 2 of this
technical report.

The results are given in 1/3rd octave bands over the frequency range
50Hz to 10kHz, which is beyond that required by the test standard.
Measurements outside the standard frequency range are not UKAS
accredited.

Report Number C/07/5L/3731/1a
(supersedes report no C/07/5L/3731/1 dated 18/6/07)

Date 3 July 2007



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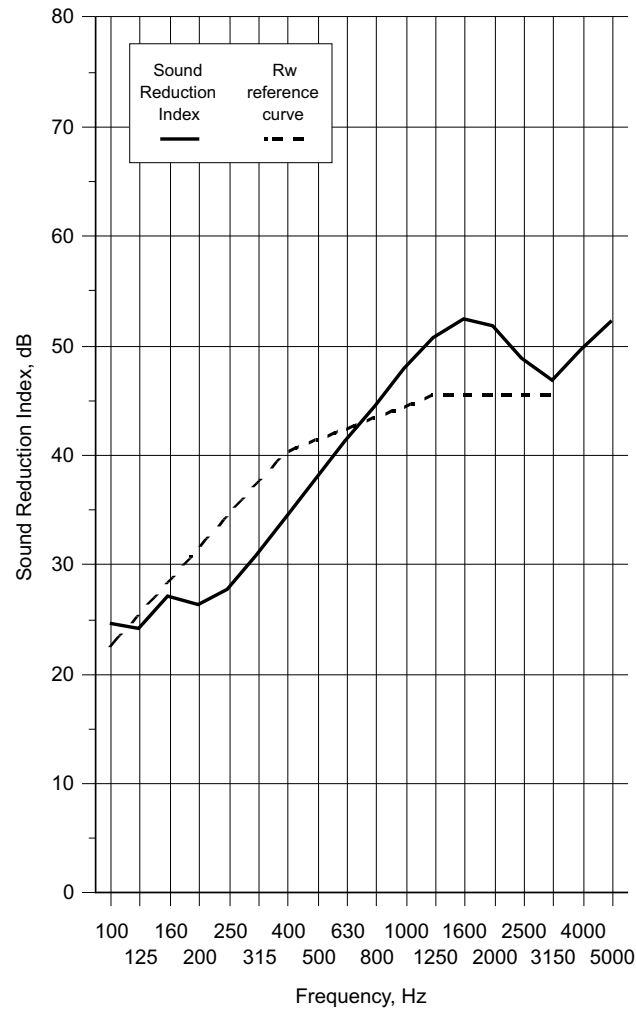


For and on behalf of Sound Research Laboratories Ltd

100mm Aglite block wall with 12.5mm Lafarge Wallboard on dabs to both sides

Test Number :	4	Air temperature:	12 °C
Client:	Plasmor Concrete Products	Air humidity:	66 %
Test Date:	27/03/2007	Receiving room volume	50 m3
Sample height:	2.925 m	Source room volume:	55 m3
Sample width:	3.845 m	Sample weight:	141 kg/m2
Product Identification:			
100mm Aglite block wall with 12.5mm Lafarge Wallboard plasterboard on dabs to both sides.			

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	17.7	21.0
63+	23.1	
80+	27.3	
100	25.2	25.7
125	24.8	
160	27.8	
200	27.0	28.5
250	28.3	
315	31.4	
400	35.0	37.6
500	38.5	
630	41.9	
800	45.2	47.6
1000	48.6	
1250	51.3	
1600	53.0	51.3
2000	52.4	
2500	49.4	
3150	47.4	49.6
4000	50.2	
5000	52.9	
6300+	56.8	57.9
8000+	58.7	
10000+	58.6	
Average 100-3150	39.2	



Rating according to BS EN ISO 717-1:1997
Rw(C;Ctr)= 42 (-2;-6) dB

Notes * designates measurement corrected for background
 # designates limit of measurement due to background
 + designates frequency beyond standard and not UKAS accredited

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