

**100mm Aglite block wall with 2 coat wet plaster
(nom. 10mm) to both sides.****Project****The Laboratory Determination of the Airborne Sound
Transmission of Aglite Party Block Walls****Prepared for****Plasmor Concrete Products
P O Box 44
Womersley Road
Knottingley
West Yorkshire
WF11 0DN****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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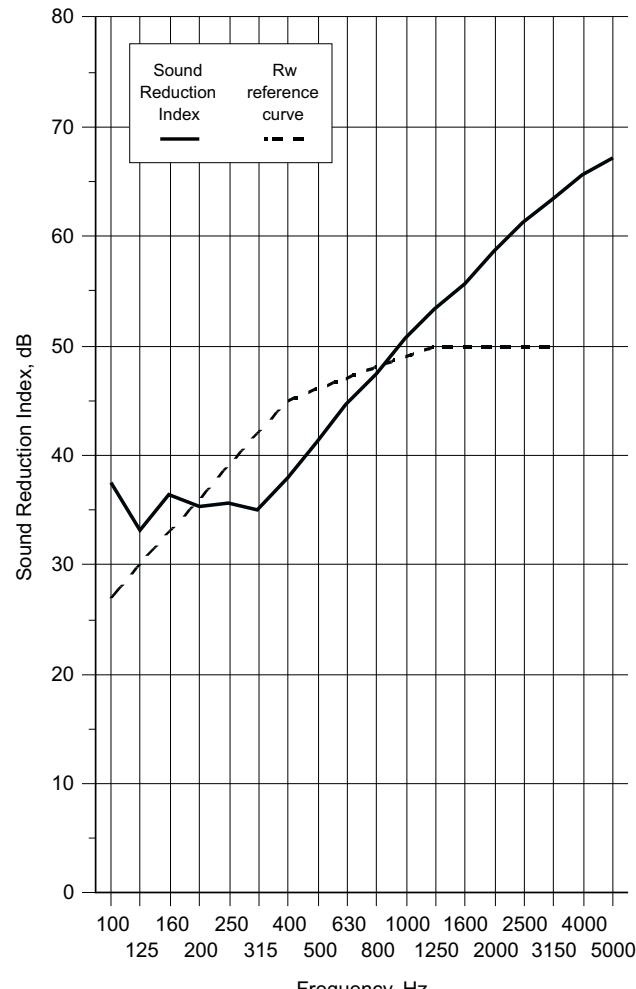


For and on behalf of Sound Research Laboratories Ltd

100mm Aglite block wall with 2 coat wet plaster (nom. 10mm) to both sides.

Test Number :	7	Air temperature:	13.5 °C
Client:	Plasmor Concrete Products	Air humidity:	79 %
Test Date:	29/03/2007	Receiving room volume	50 m3
Sample height:	2.925 m	Source room volume:	55 m3
Sample width:	3.845 m	Sample weight:	135 kg/m2
Product Identification: 100mm Aglite block wall with 2 coat wet plaster (nom. 10mm) to both sides.			

Freq f Hz	Sound Reduction Index, dB	
	1/3 Oct	1/1 Oct
50+	19.6	23.0
63+	24.3	
80+	35.4	35.3
100	37.5	
125	33.1	35.4
160	36.4	
200	35.4	40.5
250	35.7	
315	35.1	49.9
400	38.0	
500	41.3	57.9
630	44.6	
800	47.5	65.2
1000	50.7	
1250	53.4	66.1
1600	55.7	
2000	58.6	66.1
2500	61.3	
3150	63.5	66.1
4000	65.7	
5000	67.2	66.1
6300+	68.7	
8000+	68.1	66.1
10000+	63.5	
Average 100-3150	45.5	



Rating according to BS EN ISO 717-1:1997
Rw(C;Ctr)= 46 (-1;-4) dB

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