



PRASAR BHARATI
(Broadcasting Corporation of India)
Research Department
All India Radio & Doordarshan
14-B I. P. Estate, Ring Road
New Delhi-110002.



Group **Acoustic Lab**

Testing Date 27.07.2012

Test Report No. - 18/12-13

Description of Test Specimen :

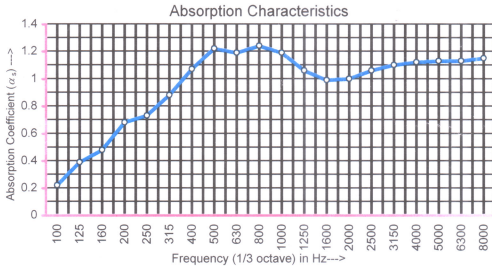
Client: **M/s Shahsahib Woodwool interprises**
Sample Name: **25mm Acutex (Blackwoodwool panels)**

Description of Laboratory:

Type of Mounting : **A** Type
Volume of RT Room: **151** m³
Temperature: **32** °C
Humidity **50%**
Type of Noise: **Pink**
Using **NOR121**

Test Combination: **25mmAcutex+25mmglaswool+50mmairgap**

Surface Area of Sample: **10 Sqm**
Density: **glasswool/Acutex 32/400 Kgm3**
Thickness: **50 mm**



MEASURED DATA:

1.035

NRC

1.00

Fre. (Hz)	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k
ABS. Coeff.	0.22	0.39	0.48	0.68	0.73	0.88	1.07	1.22	1.19	1.24	1.19	1.06	0.99	1	1.06
Fre. (Hz)	3.15k	4k	5k	6.3k	8k										
ABS. Coeff.	1.1	1.12	1.13	1.13	1.15										

Method of Measurement:

IS:8225/ ISO: 354/ASTM 423C

Asstt. Engr

Asstt. Director (R)/ Dy. Director (R)

अव निदेशक/Deputy Director,
अनुसन्धान विभाग/Research Deptt
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