



**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**

Date: 26.07.2012

**Test Report** NO-17/12-13

Description of Test Specimen :

**Manufacturer:** M/s Shahsahib Woodwool interprises  
**Sample Name:** 25mm Acutex (Blackwoodwool panels)  
**Test Combination:** 25mmAcutex+25mm glasswool

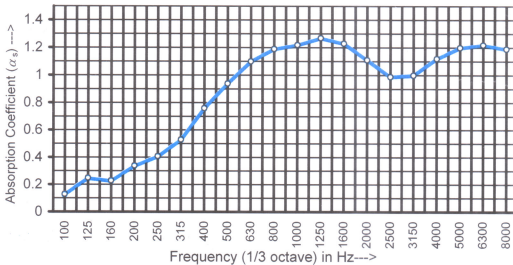
Description of Laboratory:

**Type of Mounting :** A Type  
**Volume of RT Room:** 151 m<sup>3</sup>  
**Temperature:** 32, °C  
**Humidity** 50%

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

**Type of Noise:** Pink  
**Using** NOR121

**Absorption Characteristics**



**MEASURED DATA:**

0.92      **NRC**      0.90

Fre.(Hz)	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k
ABS.Coeff.	0.13	0.25	0.23	0.34	0.41	0.53	0.76	0.94	1.1	1.19	1.22	1.27	1.23	1.11	0.99
Fre.(Hz)	3.15k	4k	5k	6.3k	8k										
ABS.Coeff.	1	1.12	1.2	1.22	1.19										

**Method of Measurement:**

IS:8225/ ISO: 354/ASTM 423C

Asstt. Engineer

**(V.K. VERMA)**  
 Dy. Director/ Director

उप निदेशक (अनुसंधान) - प्रोफेसर  
 अनुसंधान विभाग Research Dept  
 आकाशवाणी एवं दूरदर्शन  
 All India Radio & Doordarshan  
 14-B एस्टेट, नई दिल्ली-110002  
 I. P. Estate, New Delhi-110002