



PRASAR BHARATI
 (India's Public Service Broadcaster)
 Research Department
 All India Radio & Doordarshan
 14-B I. P. Estate, Ring Road
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Group **Acoustic Lab**

Date: 09.12.13

Test Report No 38/13-14

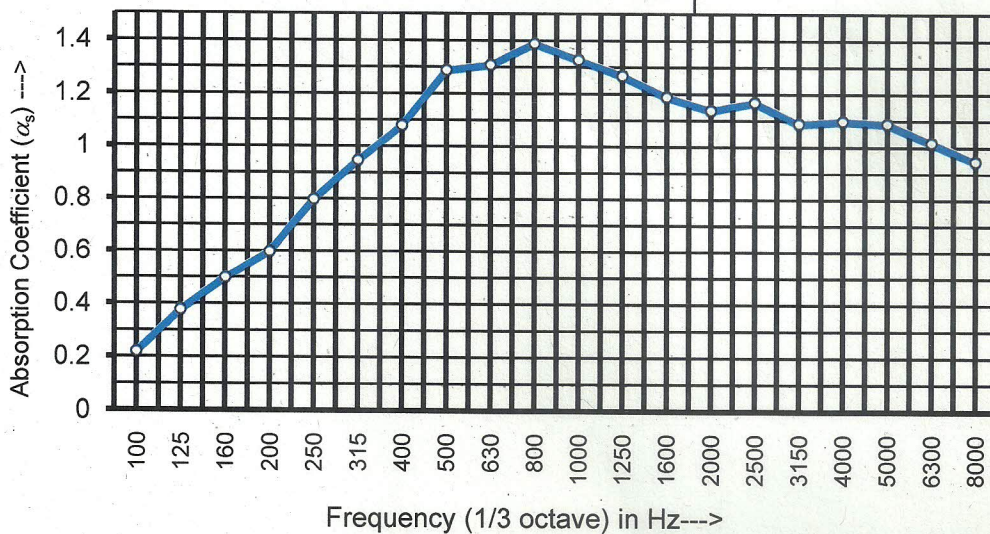
Description of Test Specimen :

Manufacturer: M/s Envirotech Systems Pvt Ltd
Sample Name: Envirowool-fab panel
Test Combination: 25mm Glasswool Plus bothside Tissue paper plus Front side fabric wrapping
Surface Area of Sample: 10 Sqm
Density: 78 Kg/m³ (60x90)cm, 19pcs
Thickness: 25 mm

Description of Laboratory:

Type of Mounting : E Type
Volume of RT Room: 151 m³
Temperature: 21 °C
Humidity: 57%
Type of Noise: Pink
Using: NOR121

Absorption Characteristics



MEASURED DATA:

1.14 **NRC** 1.15

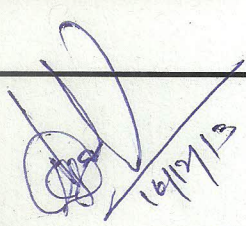
Fre.(Hz)	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k
ABS.Coeff.	0.22	0.4	0.5	0.6	0.8	0.95	1.1	1.3	1.3	1.4	1.33	1.3	1.2	1.1	1.17
Fre.(Hz)	3.15k	4k	5k	6.3k	8k										
ABS.Coeff.	1.09	1.1	1.1	1.02	0.95										

Method of Measurement:

IS:8225/ ISO: 354/ASTM 423C

Note: NRC value more than 1.00 indicates Edge effect.

Asstt. Engineer


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