



PRASAR BHARATI
 (India's Public Service Broadcaster)
 Research Department
 All India Radio & Doordarshan
 14-B I. P. Estate, Ring Road
 New Delhi-110002.



Group Acoustics Lab

Date: 05.12.2016

Test Report No. - 08/16-17

Description of Test Specimen :

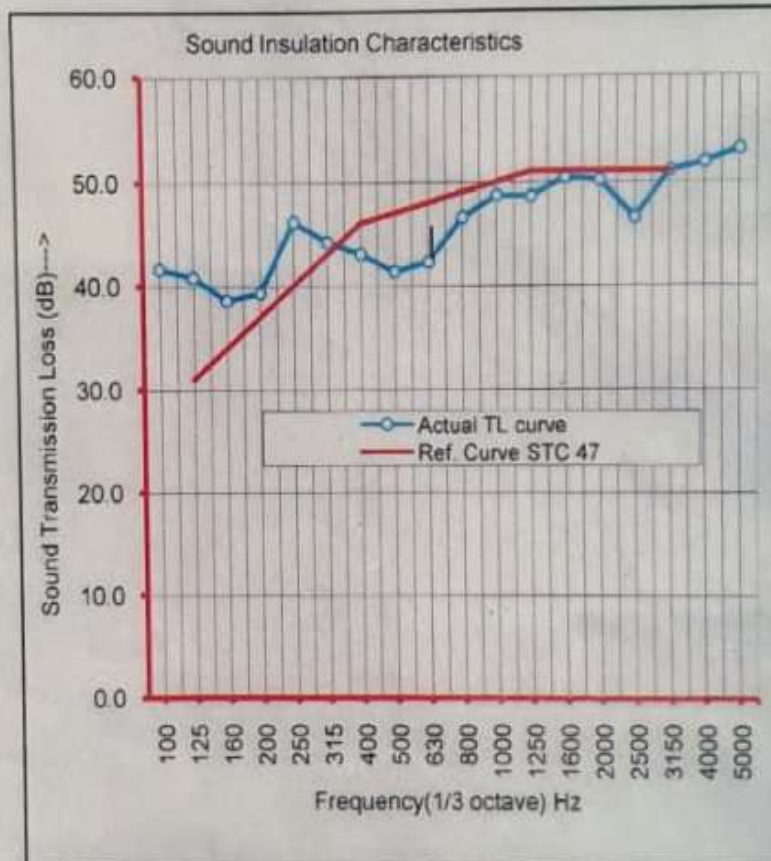
Manufacturer/Client: M/s Jindal Mechno Bricks
 Name of Representative: Dara Singh
 Sample Name: Concrete Hollow Block (size 200x200x400 mm)
 Test Combination: As per profile*
 Density/Weight: 18.500 Kg per pic
 Test Surface Area: 1.95 m² (72" x 42")
 Thickness: 200 mm

Description of Laboratory :

Testing Date: 21.11.2016
 Volume of RT Room: 151.1 m³
 Volume of Rx Room: 60 m³
 Temperature: 24 °C
 Humidity: 45 %
 Type of Noise: Pink
 Equipment: Building Acoustic Analyzer

* Profile:

Multiple pics have been fixed with mixer (cement + dust)



MEASURED DATA:

STC 47

Fre. (Hz)	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k	
TL(dB)	41.56	40.77	38.54	39.28	46.07	44.14	42.93	41.24	42.20	46.48	48.56	48.50	50.33	50.02	46.40	
Fre. (Hz)	3.15k	4k	5k													
TL(dB)	50.90	51.70	52.91													

Method of Measurement:

IS:9901-III/ISO:140/ASTM 90/413

[Signature]
Asstt Engineer

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Awadeshwar Sahay
Asstt Director (E)

[Signature]
AP Singh
Director (E)