



INDUSTRIAL ACOUSTIC

ENVIROTECH SYSTEMS LIMITED

Complete **Noise** Solution

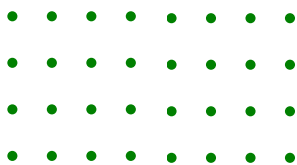


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listed in NSE.

An ISO 9001, 14001 & 45001
CERTIFIED COMPANY



Noise Test Chambers & Acoustic Enclosures

ENVIROTECH Noise Test Chambers provides controlled environment for precise testing of noise level and abnormal sound testing of automotive components & rotating parts.

Industrial Applications Acoustic Enclosures for Turbines, Compressors, Blowers, Crushers, Fin Press, High Tonnage Press Machines, Generators, etc. Our acoustic enclosure are designed for all types of industrial noises emitted from the industrial processes & machines.

Material of Construction - MS, GI, SS, Al, Marine Grade Al

Made with acoustic panels tested for Sound Transmission Class (STC) range 34 to 50+, capable to provide required noise reduction / attenuation in field conditions & are quipped with proper ventilation system, safety features and accessibility as per user needs.



Acoustic Louvers

Acoustic Louvers for -

- Fresh air intakes for ventilation systems
- Mechanical equipment screens and penthouses
- Machine Rooms & Engine Rooms
- Noise Barriers
- Process air intakes & Exhaust
- Cooling tower & Chillers inlets / exhausts and screens

Material of Construction - GI, SS, Al, Marine Grade Al

Blade Design - Aerodynamic designed with CFD analysis, provide optimum attenuation with minimal pressure drop, Weighted Sound Reduction Index (Rw) - 10 dB to 38 dB.



Exhaust De-Tuner Assembly & Sound Attenuators

- Exhaust De-Tuner Assembly
- Circular Silencers / Sound Attenuators
- Rectangular Sound Attenuators

Material of Construction - CRCA MS, GI, SS, Al, Marine Grade Al

Splitter Design - Aerodynamic designed with CFD analysis, provide optimum attenuation with minimal pressure drop.

ANSYS simulation available to calculate the dynamic insertion loss and to define the depth of exhaust de-tuner & sound attenuators.



Noise Barrier

ENVIROTECH Noise Barrier Systems are made to sustain in outdoor conditions complying to EN 1793 & EN 1794. Noise Barrier systems are designed for structural safety in accordance with IS 875 & relevant standards. Noise barrier panels are tested for STC, Rw, Dlr & DL alpha values as per internationally accepted standards

- Metallic Noise Barrier
- Polycarbonate Noise Barrier
- ECHOBARRIER



ECHO BARRIER
Environmentally Sound

Acoustic Doors & Windows

Envirotech Metal and Wooden Acoustic Doors provide effective soundproofing and acoustic insulation in various environments. These doors, such as conference rooms, industrial facilities, recording studios, theaters, and commercial buildings, are commonly used when noise control and privacy are crucial. ENVIROTECH Doors are tested & designed for STC values up to 65 & weighted sound reduction index 60+ dB

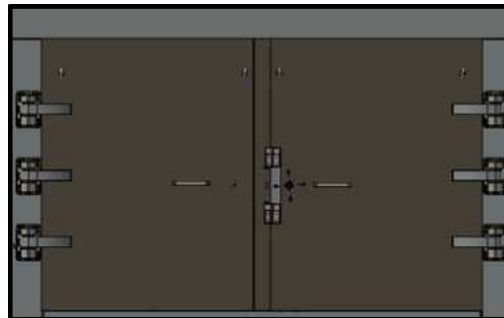
- Metal Acoustic Doors
- Wooden Acoustic Doors
- Fire Rated Doors
- Fire Rated Glass 
- Acoustic Sliding Doors
- Fire Rated Sliding Doors
- Acoustic Window



Blast Resistant Doors

Blast resistant doors for testing facilities in Automotive & Defense industry.

- Inhouse facility for simulation & CAE analysis as per blast kPa./ Bar ratings.
- Analytical Calculations as per UFC 3-340-02.
- Constructed with robust material with selection made as per required simulation & CAE analysis.
- Safety Features - Locks & safety switches.
- Acoustic Performance & Fire Ratings .



Engine Test Cell & Test Rooms Acoustic Treatment

Envirotech provides acoustic treatment of engine test cell & test rooms by means of Acoustic Panels that are designed to provide sound absorption in test cells and also act as sound barrier to provide ambience outside. ENVIROTECH Acoustic panels are tested for NRC value ranging from 0.85 to 1.00 & Weighted sound reduction index R_w up to 43 dB.

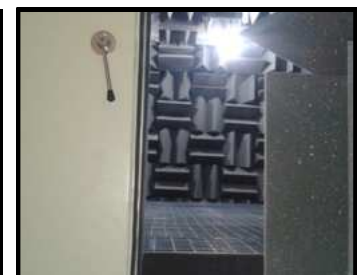
- Metal perforated acoustic panels
- Construction Available - GI, PPGI, Aluminium, SS



Anechoic Chamber

Envirotech provides Anechoic Chamber designed in compliance with ISO 3744 & ISO 3745 and relevant testing standards. Anechoic Chambers are designed based on required background noise level & cut-off frequency.

- Fully Anechoic Chamber
- Semi/Hemi Anechoic Chamber
- Mini Anechoic Chamber





VENTURES

CERTIFICATES



ENVIROTECH SYSTEMS LIMITED

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