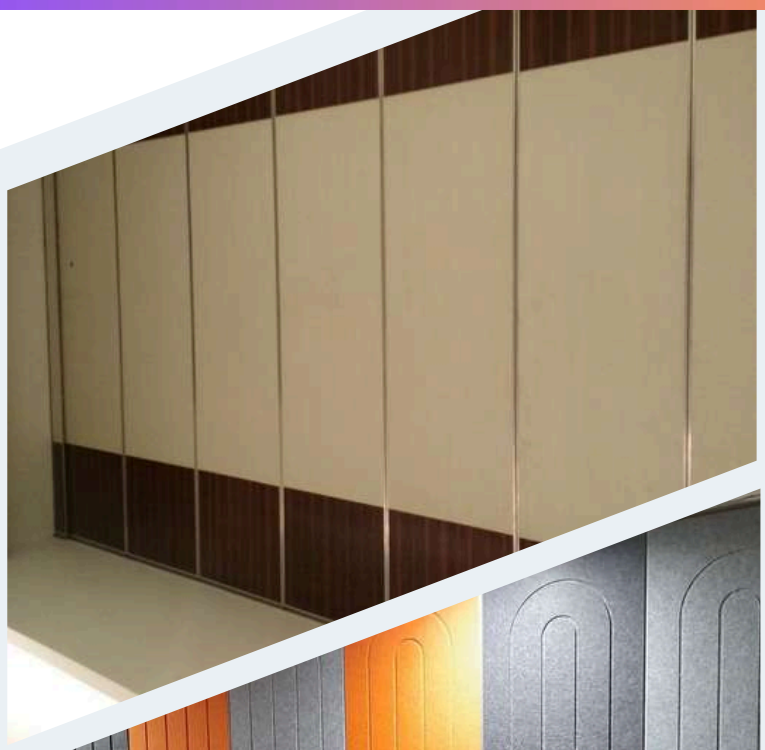


PARTITIONS

ENVIROTECH SYSTEMS LIMITED

Complete Noise Solution

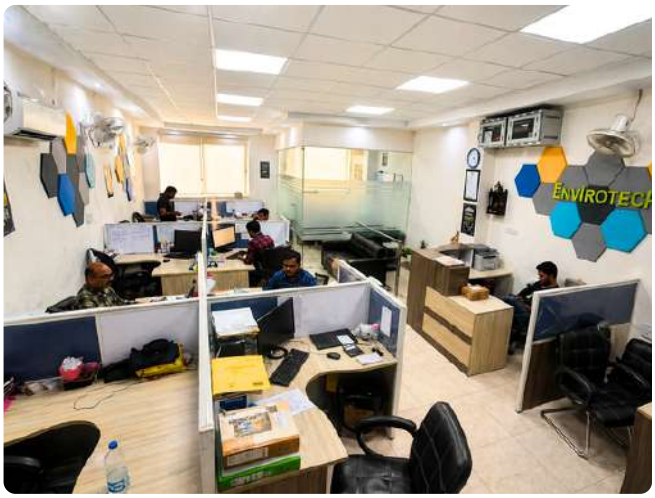
More info:
+91 9811028866
www.EnvirotechPartitions.com

NSE
listed in NSE.

An ISO 9001,14001 & 45001 CERTIFIED COMPANY

About ENVIROTECH SYSTEMS LIMITED

Envirotech Systems Limited is a trusted provider of advanced acoustic solutions, delivering high-performance products for effective noise control since **2007**. The company offers a wide range of systems designed for commercial, industrial, and infrastructure applications. Focused on innovation, durability, and efficiency, Envirotech ensures strict quality standards in every product. **As an ISO 9001, 14001, and 45001 certified** company, it is committed to quality, environmental responsibility, and workplace safety, consistently delivering reliable and efficient acoustic solutions.



CERTIFICATES

ISO 9001:2015 ISO 14001:2015 ISO 45001:2018

CBRI PRASAR BHARATI QMC NPL IGBC GRIHA

1. **ACOUSTIC SLIDING FOLDING PARTITION**
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Acoustic Sliding Folding Partitions

ENVIROTECH SYSTEMS Acoustic Sliding Folding Partition is a flush acoustic folding for space management, which enables utmost operational ease to customers. It's hung from a ceiling track or propped up with the help of a low profile surface mounted floor track.

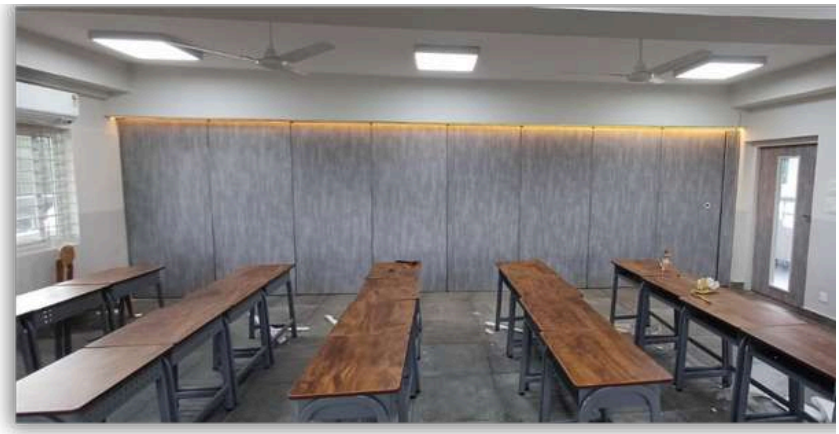
Double Acoustic seals fit around these sliding folding partition walls to impart them highest level of acoustic integrity. More so, this fitting also achieves the desired acoustic integrity between flanking rooms.

Technical Specifications:

- Basic Material: MDF
- Panel Weight : 37 Kg/m2
- Sound Transmission Class (STC): 55
- Outer Frame Material: Aluminium
- Retractable range of top/bottom seals: 22.5mm
- (Min/Max) width: 750 / 1230mm
- (Min/Max) height: 2400 / 6000mm
- Thickness: 85/100mm
- Finish: Raw MDF, Laminate, Veneer Wall Paper, Fabric, Acoustic Board 9mm.

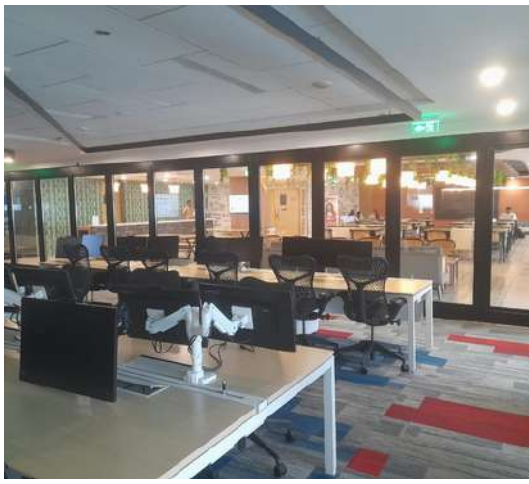
Application:

Auditorium, Shops, Malls, Hotel, Garage, Restaurant, Conference Room, Office, Gym, School, lecture Hall, Theaters, Banquit hall Etc.



Acoustic Glass Sliding Folding Partition

ENVIROTECH SYSTEMS Glass Sliding Folding Partitions is a product that offers you nearly limitless possibilities for the design of your space. It gives you a high-quality appearance and creates bright, open spaces. It enables you to work undisturbed and in peace, which is an ideal condition for an office or any other space.
Glass partition made out of 12mm thick Glass, Aluminum Channel Profile, Having Fixed Telescopic panels at the end of the panel and having retractable seals at Top and Bottom to control the sound. Glass Sliding Partition max height is up to 3000mm, Weight up to 40 kg, Door width max 1100mm.



Hardware Specifications:

Full corrosion resistant construction 316 Marine grade SS part for improved Strength and Maximum Corrosion resistance Precision bearing top to bottom roller to reduce rolling resistance.

Application:

Auditorium, Conference hall, Hotels, Malls, Educational Buildings, Office, Cafes, Meeting Rooms, Restaurant, Corporate, Banquet halls etc.

Acoustic Vertical Fold Partition (EVF™)

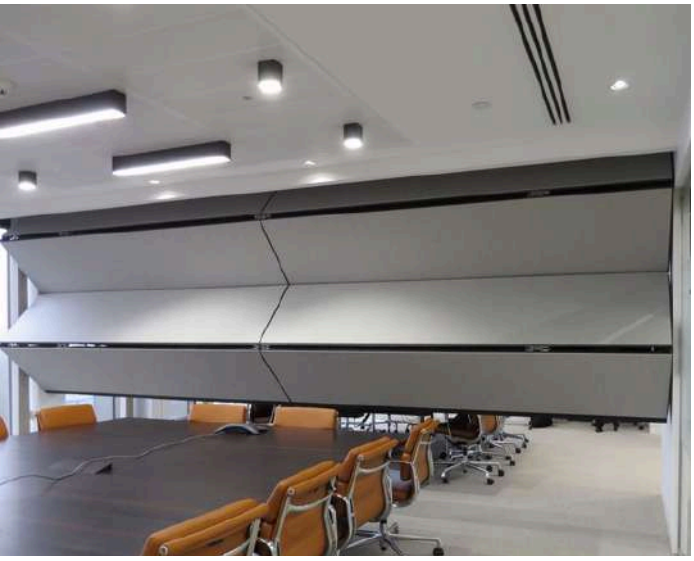
Envirotech VERTIFOLD (EVF ™) are specially engineered acoustic walls that provide a unique way to subdivide space by means of vertical retractable folding panels. The panels are completely automatic wherein they retract into the ceiling, vertically and get stacked neatly and hidden from sight, which a simple push of a button. There are no floor or wall tracks required. Envirotech Systems Is the only manufacturer of this product in the entire Country. The product can be customized in finishes as per the client's choice.

The EVF series is developed to meet the acoustic challenges of geometrically variable spaces ranging from simple offices, classroom types to complex structures like multipurpose halls and auditoriums especially with sloped or stepped floors.

The panels are completely automatic wherein they retract into the ceiling, vertically and get stacked neatly and hidden from sight, which a simple push of a button. There are no floor or wall tracks required. The product provides state-of-the-art acoustics along with superb aesthetics as per the client's choice. The product has premium STC rating of 51.

Application:

Auditorium, Shops, Malls, Hotel, Garage, Restaurant, Conference Room, Office, Gym, School, lecture Hall, Theaters, Banquit hall Etc.



Semi-Automatic Sliding Folding Partitions

The Envirotech Semi Automatic Movable wall System is a sliding partition in which the panels are opened manually but closes automatically on its own with the help of a drop down sealing mechanism. It does not require any electrical connection or a OPERATING lever. Another feature of this product is that it closes softly on the last end making its operation very smooth and silent. The panels can be integrated with standard locks. An ideal application for these products is Banquet Halls, conference rooms, Auditoriums etc. The system can be used for frameless glass as well as framed/wooden panels.

Specification:

- Door Type: Acoustic Folding Partition
- Thickness: 85 and 100mm
- STC: 51 dB at 4000Hz
- Min/Max width: 750 / 1230mm
- Min/Max height: 2400 / 9500mm
- Panel Weight: 28-37 Kg/m2
- Frame Material: Aluminium & G.I.
- Operation of Panel: Manually operated with Motorized locking
- Panel Finish: Raw MDF
- Stacking Arrangement: Center & Side Stacking
- Track Type: Aluminium Extruded Track in Natural Anodized finish
- Tested From: National Physical Laboratory (NPL)

Application:

Auditorium, Conference hall, Hotels, Malls, Educational Buildings, Office, Cafes, Meeting Rooms, Restaurant, Corporate, Banquet halls.

Finishes:

- Laminate (Century, Green, or Marino)
- Fabric (Color Fab, Response, NexGen)
- Veneer(Century, Green, or Marino)
- Polyester board, Grooved slates, Glass, Leather, Wallpaper or as required by client.

Non-Acoustic Sliding Folding Partitions

Envirotech make Non-Acoustic Sliding Folding partitions are manually operated sliding partition to manage space with divide large space into small space or connect small space into large space at any time according to needs. It can play a role of multi-purpose in one hall or one room.

Specification:

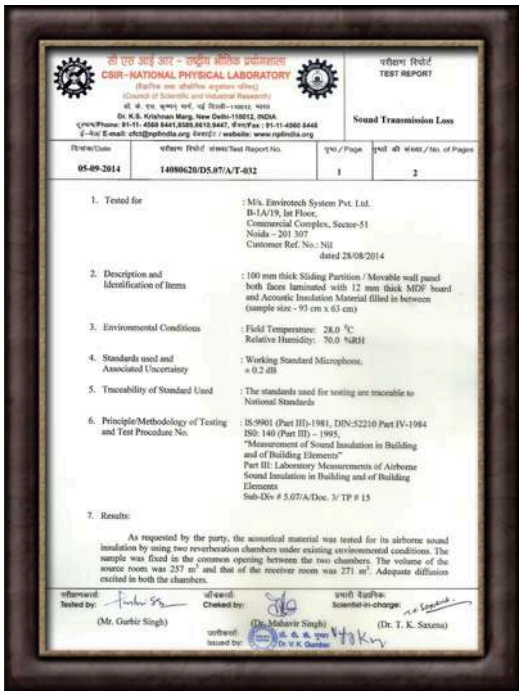
- Door Type: Acoustic Folding Partition
- Thickness: 19mm
- Frame Material: Aluminium & G.I.
- Operation of Panel: Manually operated
- Panel Finish: Raw MDF
- Stacking Arrangement: Center & Side Stacking
- Track Type: Aluminium Extruded Track in Natural Anodized finish

Application:

Auditorium, Conference hall, Hotels, Malls, Educational Buildings, Office, Cafes, Meeting Rooms, Restaurant, Corporate, and Banquet halls.

Available Finishes:

- Laminate (Century, Green, or Marino)
- Fabric (Color Fab, Response, NexGen)
- Veneer(Century, Green, or Marino)
- Polyester board, Grooved slates, Glass, Leather, Wallpaper or as required by client.



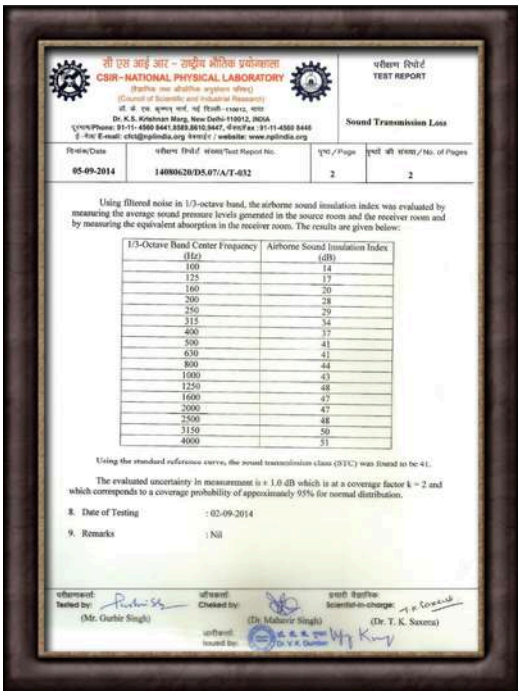
CSIR–NATIONAL PHYSICAL LABORATORY
TEST REPORT
Sound Transmission Loss

Date	Test Report No.	Page	No. of Pages
05-09-2014	14080620/D5.07/A/T-032	1	2

1. Tested for : M/s. Envirotech System Pvt. Ltd. B-1A/19, Ist Floor, Commercial Complex, Sector-51 Noida – 201 307 Customer Ref. No.: Nil dated 28/08/2014
2. Description and Identification of Items : 100 mm thick Sliding Partition / Movable wall panel both faces laminated with 12 mm thick MDF board and Acoustic Insulation Material filled in between (sample size - 93 cm x 63 cm)
3. Environmental Conditions : Field Temperature: 28.0 °C Relative Humidity: 70.0 %RH
4. Standards used and Associated Uncertainty : Working Standard Microphone, ± 0.2 dB
5. Traceability of Standard Used : The standards used for testing are traceable to National Standards
6. Principle/Methodology of Testing and Test Procedure No. : IS:9901 (Part III)-1981, DIN:52210 Part IV-1984 ISO: 140 (Part III) – 1995, "Measurement of Sound Insulation in Building and of Building Elements" Part III: Laboratory Measurements of Airborne Sound Insulation in Building and of Building Elements Sub-Div # 5.07/A/Doc. 3/ TP # 15
7. Results:

As requested by the party, the acoustical material was tested for its airborne sound insulation by using two reverberation chambers under existing environmental conditions. The sample was fixed in the common opening between the two chambers. The volume of the source room was 257 m^3 and that of the receiver room was 271 m^3. Adequate diffusion excited in both the chambers.

Tested by: (Mr. Gurbir Singh) Checked by: (Dr. Mahavir Singh) Scientist-in-charge: (Dr. T. K. Saxena) Issued by: Dr. V.K. Gurtoo



CSIR–NATIONAL PHYSICAL LABORATORY
TEST REPORT
Sound Transmission Loss

Date	Test Report No.	Page	No. of Pages
05-09-2014	14080620/D5.07/A/T-032	2	2

Using filtered noise in 1/3-octave band, the airborne sound insulation index was evaluated by measuring the average sound pressure levels generated in the source room and the receiver room and by measuring the equivalent absorption in the receiver room. The results are given below:

1/3-Octave Band Center Frequency (Hz)	Airborne Sound Insulation Index (dB)
100	14
125	17
160	20
200	28
250	29
315	34
400	37
500	41
630	41
800	44
1000	43
1250	48
1600	47
2000	47
2500	48
3150	50
4000	51

Using the standard reference curve, the sound transmission class (STC) was found to be 41.

The evaluated uncertainty in measurement is ± 1.0 dB which is at a coverage factor k = 2 and which corresponds to a coverage probability of approximately 95% for normal distribution.

8. Date of Testing : 02-09-2014
9. Remarks : Nil

Tested by: (Mr. Gurbir Singh) Checked by: (Dr. Mahavir Singh) Scientist-in-charge: (Dr. T. K. Saxena) Issued by: Dr. V.K. Gurtoo

Acoustic Partition Certificates

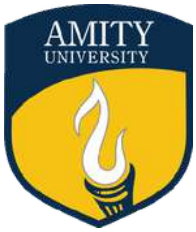
Principle/Methodology of Testing and Test Procedure No.

IS:9901 (Part III)-1981, DIN:52210 Part IV-1984 ISO: 140 (Part III) – 1995, "Measurement of Sound Insulation in Building and of Building Elements" Part III: Laboratory Measurements of Airborne Sound Insulation in Building and of Building Elements Sub-Div # 5.07/A/Doc. 3/ TP # 15

Envirotech Acoustic Products are tested from NPL.

Project Images

Some of Our Valued Client



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www.EnvirotechLtd.com
www.EnvirotechAcoustics.com
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www.EnvirotechPartitions.com
www.EnvirotechDoors.com
www.EnvirotechLouvers.com

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B-1A/19, Commercial Complex, Sector 51, Noida – 201307 (U.P)
Factory Address (Plant-1):
Plot No-345 Ecotech-1 (Extension), Greater Noida-201308(U.P.), India
Factory Address (Plant-2):
Plot No-346-347, Ecotech-1 (Extension), Greater Noida-201308(U.P.), India
Factory Address (Plant-3):
Site-5, Plot No. D-3, Upsida Surajpur Industrial Area, Kasna, Greater Noida, (U.P)-201310

CERTIFICATES

ISO 9001:2015 ISO 14001:2015 ISO 45001:2018

CBRI PRASAR BHARATI QMC NPL IGBC GRIHA