



Echo Tech

Acoustic Panels

Polyester Staple Fiber



- Shrink and Stretch Resistant
- Resistant to most chemicals
- Mildew/Fungus resistant
- Abrasion resistant
- Not affected by organic solvents



Various Applications

WALL PANELS

Standard Size | Designer | Laser Cut | Printed Panel

FALSE CEILINGS

Baffles | Ceiling Tiles | Floats | Cell Ceiling

DIVIDERS

For Modular furniture

PARTITIONS

Acoustic Dividers





Certifications

Fire Classification:
B-s1, d0 as per EN-13501



Acoustic Performance:
Up to 0.9NRC



TEST REPORT

Report No. : MAN:HL:948006208

DATE : 01st October, 2018



Test method	Parameter	Specimen number	Results
EN ISO 11925-2 Exposure = 30 s	$F_s \leq 150$ mm	6	Yes
	Ignition of the filter paper		No

IV. Classification and direct field of application

This classification has been carried out in accordance with EN 13501-1:2007+A1:2009.

a) Classification

The product, Techno Acoustic Non-Woven Polyester Fiber Panel, classification is as following.

Fire behaviour	Smoke production	Flaming droplets
B	s 1	d 0

Reaction to fire classification: B-s1, d0

Remark: The classes with their corresponding fire performance are given in annex A.

b) Field of application

This classification for the submitted sample is valid for the following end use condition:

- With all substrate classified as A1 and A2
- With mechanical fixing.
- No joint

This classification is valid for the following product parameters:

- Characteristics of various layers identical to those as described in § II b) of this test reports.

Statement: The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Warning:

This classification report does not represent type approval or certification of the product.

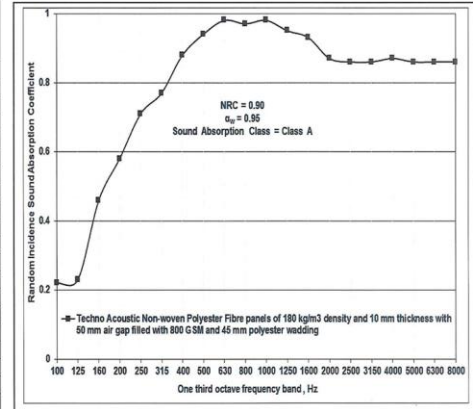
The test laboratory has, therefore, play no part in sampling the product for the test, although it holds appropriate references to the manufacturer's factory production control that is aimed to be relevant to the samples tested and that will provide for their traceability.

NO. NVH/310000975/2018-19/34

28th June 2018

Table 1 and Figure 2: Values and Plot for Random incidence sound absorption coefficient of Techno Acoustic Non-woven Polyester Fibre panels of 180 kg/m³ density and 10 mm thickness with 50 mm air gap filled with 800 GSM and 45 mm polyester wadding at one third octave frequencies

One third octave frequency, Hz	Random Incidence Sound Absorption Coefficient	Standard Deviation
100	0.22	0.02
125	0.23	0.04
160	0.46	0.04
200	0.58	0.04
250	0.71	0.02
315	0.77	0.03
400	0.88	0.03
500	0.94	0.04
630	0.98	0.03
800	0.97	0.03
1000	0.98	0.01
1250	0.95	0.01
1600	0.93	0.02
2000	0.87	0.01
2500	0.86	0.01
3150	0.86	0.00
4000	0.87	0.01
5000	0.86	0.01
6300	0.86	0.02
8000	0.86	0.03



Note: (*Measurement uncertainty for Random Incidence sound absorption coefficient evaluation is ±4.23% at 95.45% confidence level and k = 2 in the frequency range 125 Hz to 5000 Hz)

Acoustic Screens

Available in various patterns, laser cut according to your preferred design



STANDARD SIZE
1200 x 2400mm (can be customised)

APPLICATIONS





PRINTED PANEL

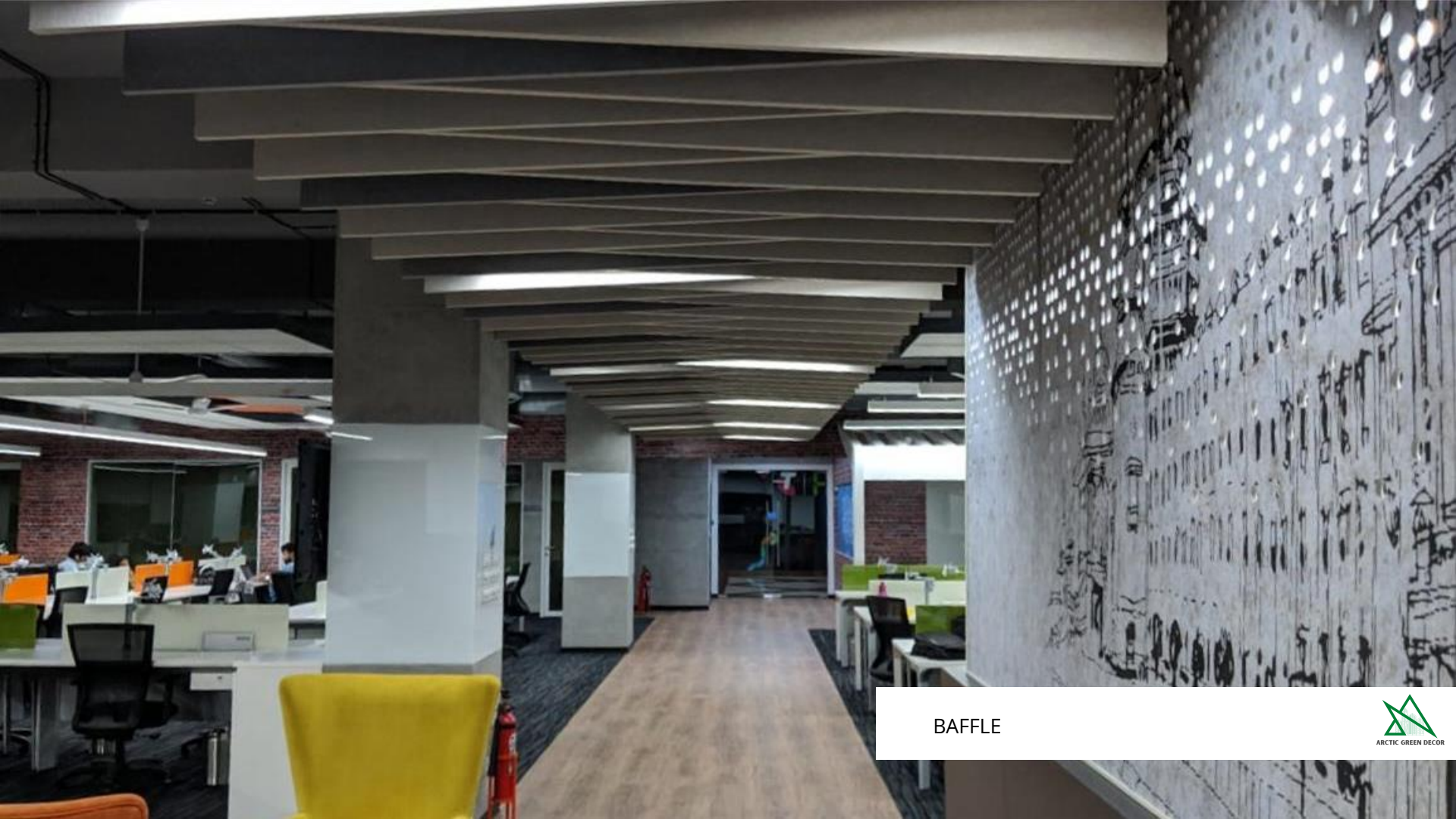


PRINTED PANEL



PRINTED PANEL





BAFFLE





ARCTIC GREEN DECOR

Echo Tech
Acoustic Panels

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