

AURALIS

THE ART OF SILENCE

POLYESTER FIBER ACOUSTIC CEILING BAFFLE

AURALLIS Polyester fiber acoustic panel is made of 100%. polyester fiber, hot press to cotton shape. The holes rate is more than 90%. It has good sound absorption performance in middle and high frequency. The polyester fiber acoustic panel is high density, eco- friendly, fire-resistant, easy to install and cut, no dust ,various finish color and finish choices, can satisfy all customer's acoustic and decorative requirement.

APPLICATION

Hotel, office, hospital, library, cinema, theater, concert hall, stadium , conference hall, factory, machine room, residential building, etc

SPECIFICATIONS

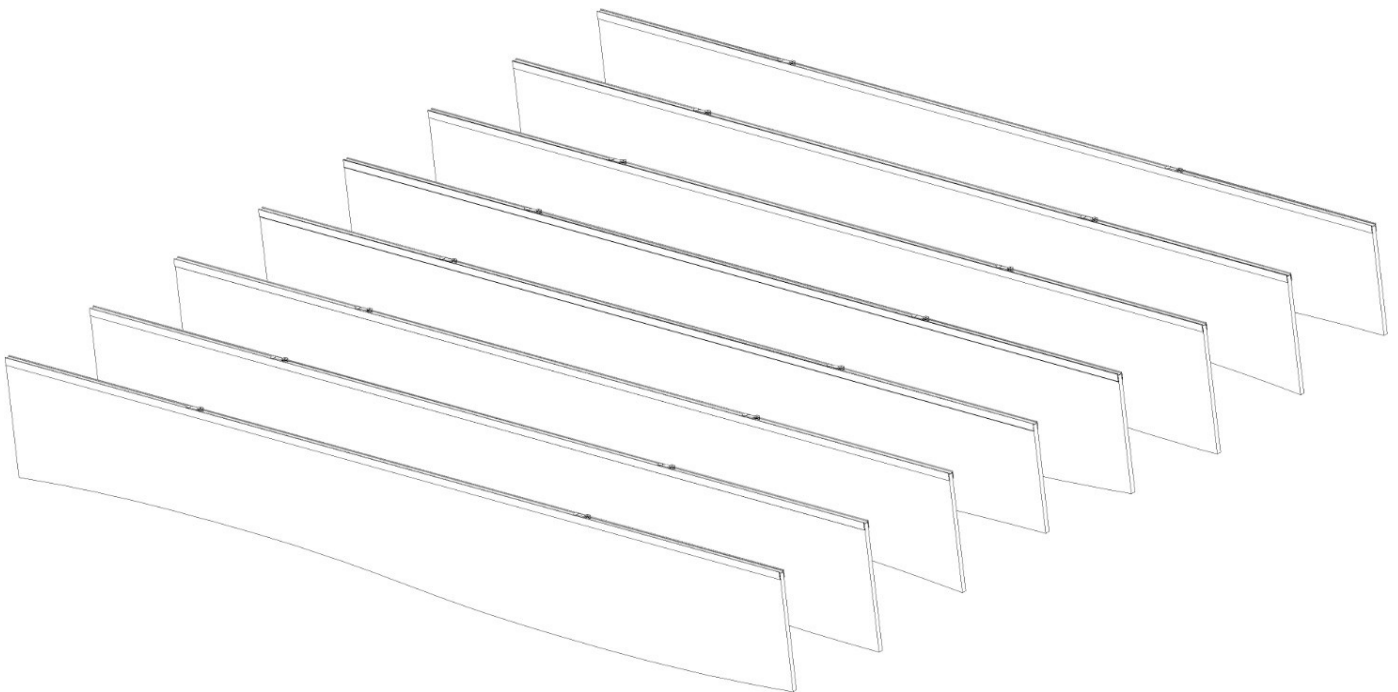
Base materials:	100% polyester fiber
Edge:	Square , small bevel
Density:	1350-4030 g/m³
Color:	See color chart
Models:	Square , Rectangle , Round , Hexagon , Wavy , Customized
Common Size:	W1220*L2420*T9/12 mm or customized
Tolerance:	W ±1mm, L ±2mm, T ±0.2mm



POLYESTER FIBER ACOUSTIC CEILING BAFFLE

INSTALLATION METHOD

A. Keel installation



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INSTALLATION METHOD

B.Hangers installation

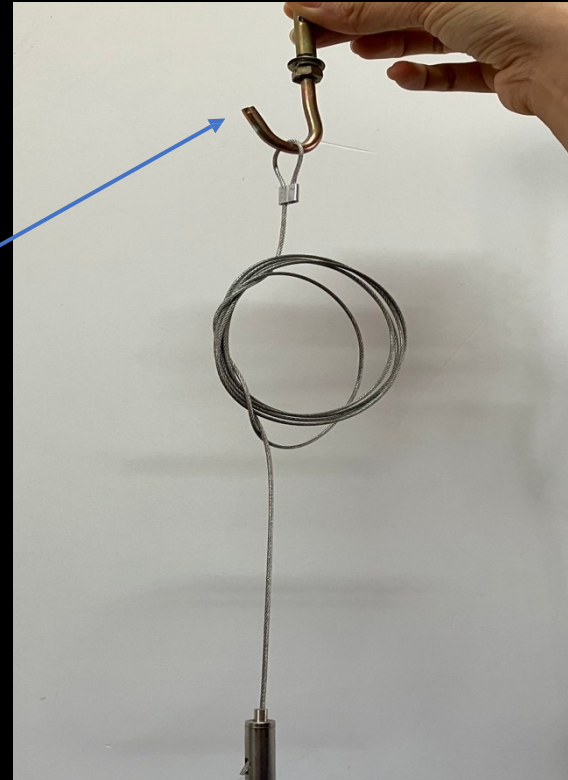


Step 1: Find the installation position on the top of the suspension board, screw in the M4 screws first, and then twist the tension head into the ceiling cover.



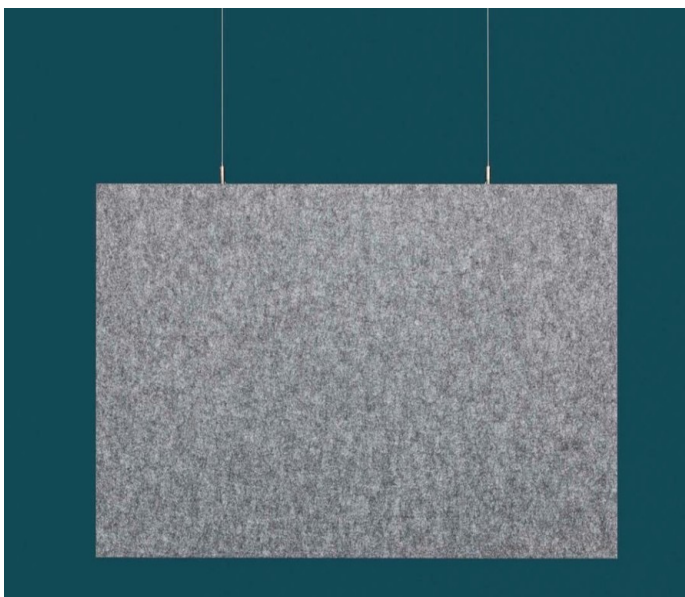
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Step 3 is to locate and punch the ceiling, and lock the ceiling hook into it.



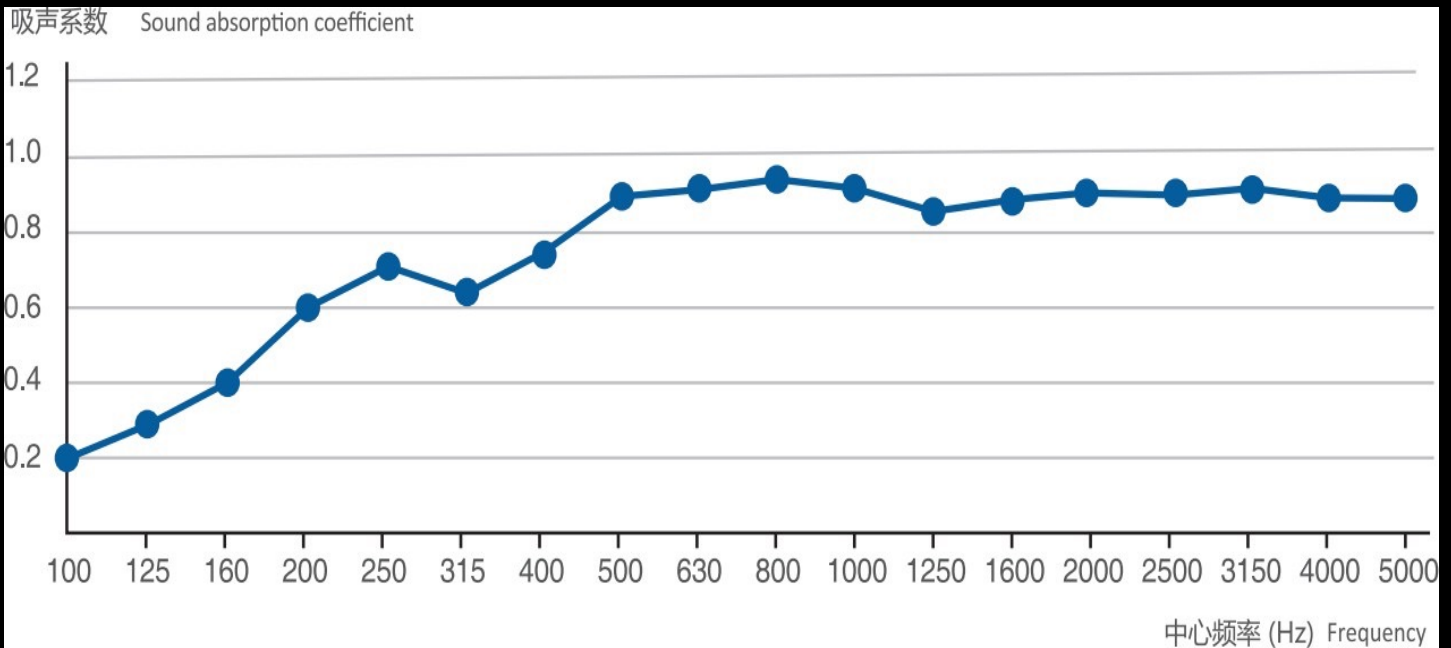
Step 4, hang the wire rope and lock it with a small aluminum buckle.

As a final step, level the suspension plate to a level surface.



POLYESTER FIBER ACOUSTIC CEILING BAFFLE

SOUND ABSORPTION COEFFICIENT



TEST REPORTS

Fireproof can reach BS 476 Part 7 : 1997 class 1.

SGS

TEST REPORT

No. : GZIN1907036823CM
Date : Jul 25, 2019
Page: 1 of 5

CUSTOMER NAME: FOSHAN SOUND AND ACOUSTICS TECHNOLOGY CO.,LTD
ADDRESS: Ground Floor,No.2 Building, Area S2, Hantian Industrial Park, Shenhai Road, Nanhai District, Foshan City,China Echo Panel

Sample Name : 885x270
Product Specification : SNA
Material and Mark : PL 02 brown
Other Information :

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : Jul 15, 2019
Testing Start Date : Jul 15, 2019
Testing End Date : Jul 25, 2019
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. GZ Branch Testing
Center
Tobby Yang
Authorized signatory

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SGS

TEST REPORT

No. : GZIN1907036823CM
Date : Jul 25, 2019
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Criteria for classification:
If the prefix "D" or suffix "R" or "Y" is included in the classification, this indicates that the results should be treated with caution. An explanation of the reason for prefix and suffixes is given in Appendix 2

Appendix 1 Classification of spread of flame

Classification	Spread of flame at 1.5 min		Final spread of flame	
	Limit (mm)	Limit for one specimen in sample(mm)	Limit (mm)	Limit for one specimen in sample(mm)
Class 1	165	165+25	165	165+25
Class 2	215	215+25	455	455+45
Class 3	265	265+25	710	710+75
Class 4	Exceeding the limits for class 3			

Appendix 2 Explanation of prefix and suffixes which may be added to the classification

- A suffix R is added to the classification if more than six specimens are required in order to obtain six valid test results (e.g. class 2R).
- A prefix D is added to the classification of any product which does not conform to the surface characteristics specified in the standard and has therefore been tested in a modified form (e.g. class D3).
- A suffix Y shall be added to the classification if any softening and/or other behaviour that may affect the flame spread occurs.

Classification: In accordance with the class definitions given in BS 476 Part 7:1997 Incorporating Corrigendum No.1:2014, the tested sample is classified as **Class 1**.

Statements:
This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.
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.
The test results relate only to the specimens of the product in the form in which were tested. Small differences in the composition or thickness of the product may significantly affect the performance during the test and may therefore invalidate the test results. Care should be taken to ensure that any product, which is supplied or used, is fully represented by the specimens, which were tested.

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