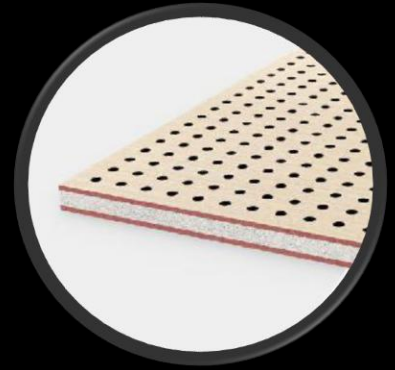


AURALIS

THE ART OF SILENCE



PERFORATED ACOUSTIC PANEL SERIES

PRODUCT INTRODUCTION

The structure of hole perforation in front and back is based on scientific calculation and perforated acoustic panel have high sound absorption performance in low and middle frequency. It has various finish color and materials choice to meet customers diversified request for acoustic and decoration and provide safety promise for environment protection and fire-resistant.

Name	Perforated Acoustic Panel
Structure	Base Materials/ Finish / Back
Base materials	MDF
Finish	Melamine ,HPL , veneer ,PU painting
Model	E16/8/15,V32/6/15, V16/6/15, E16/3-10/15, E16/6/15, E16/8/15, V32/6/15, V16/6/15,E16/3-10/15, V32/3-10/15, V32/3-10/15, E1-12/15, E1-12/15, E5/1-12/15 or Other customized model
Specifications	W 600 /1200*L 600*1200/2400 * T 12/15/18mm

THE ART OF SILENCE

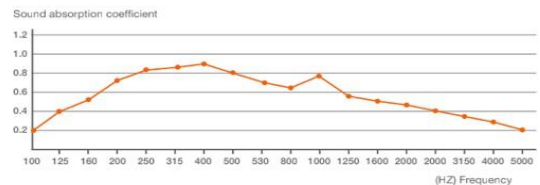
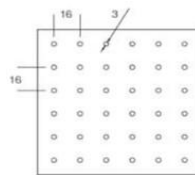
Ecofriendly	All materials conform to national and international damage guarantee standards, and the release amount of formaldehyde is tested in accordance with GB18580-2001 "Limits of Release Limits of Formaldehyde in Artificial Panels and Products of Interior Decoration Materials and Products, and meets E1 level requirements.
fire-resistant	In accordance with GB8624-2006 "Classification of Combustion Performance of Building Materials and Products", the combustion performance reaches A1/A2/8/C.
Application	Multi-function hall, opera house, meeting room, cinema, auditorium, hotel, TV station, concert hall, piano room, gymnasium, villa or places with strict acoustic requirements in home life.

MODELS

E16/3-10/15



Punching rate 3%

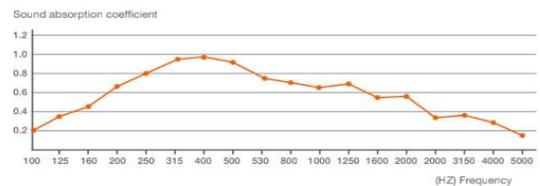
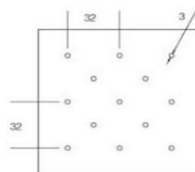


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.20	0.40	0.50	0.70	0.83	0.97	0.98	0.90	0.80	0.70	0.67	0.78	0.58	0.48	0.40	0.38	0.28	0.20

E16/8/15



Punching rate 1.4%

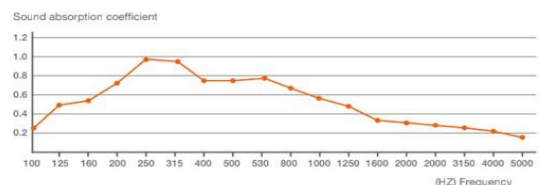
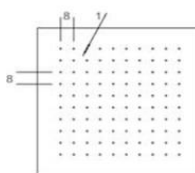


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.18	0.38	0.48	0.68	0.81	0.95	0.96	0.88	0.75	0.68	0.65	0.76	0.56	0.46	0.38	0.36	0.26	0.18

E8/1-12/15

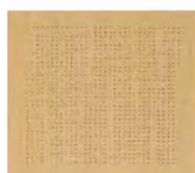


Punching rate 2%

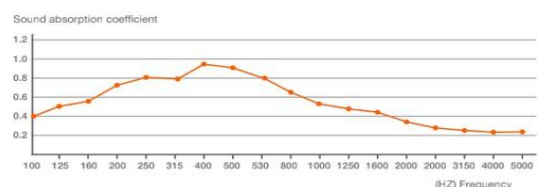
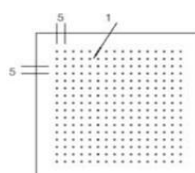


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.30	0.40	0.50	0.80	0.78	0.85	0.82	0.72	0.68	0.61	0.57	0.40	0.37	0.27	0.20	0.18	0.17	0.16

E5/1-12/15



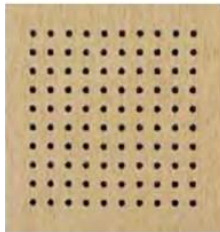
Punching rate 3.2%



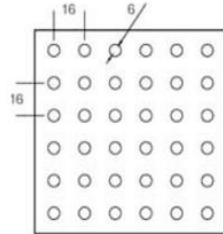
Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.30	0.42	0.55	0.75	0.82	0.80	0.92	0.90	0.80	0.61	0.52	0.50	0.45	0.35	0.30	0.26	0.24	0.24

THE ART OF SILENCE

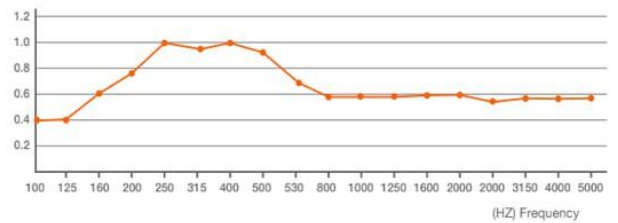
E16/6/15



Punching rate 11%

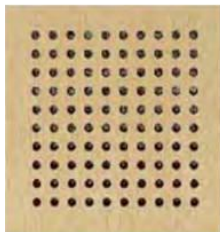


Sound absorption coefficient

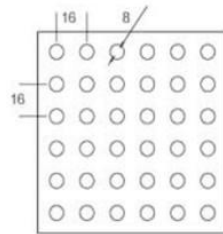


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.40	0.40	0.60	0.82	0.79	1.00	0.98	1.00	0.90	0.65	0.58	0.60	0.60	0.60	0.58	0.59	0.59	0.59

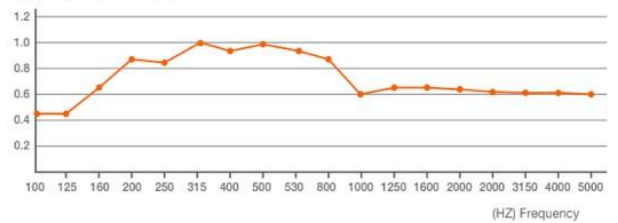
E16/8/15



Punching rate 20%

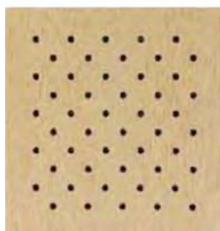


Sound absorption coefficient

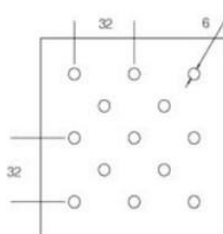


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.42	0.42	0.65	0.85	0.82	1.00	0.98	1.00	0.95	0.75	0.60	0.70	0.70	0.68	0.62	0.62	0.61	0.60

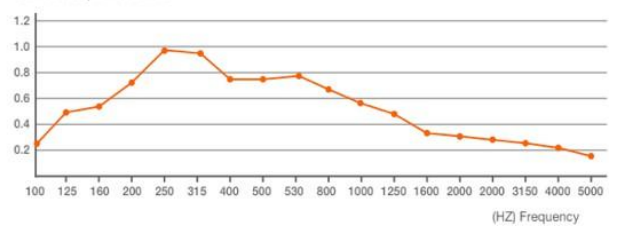
V32/6/15



Punching rate 6%

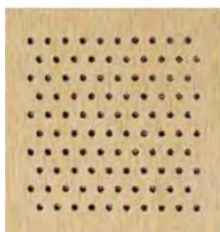


Sound absorption coefficient

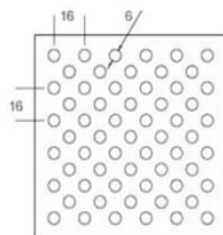


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.28	0.53	0.57	0.76	0.86	0.98	0.95	0.78	0.75	0.77	0.64	0.58	0.46	0.38	0.36	0.28	0.23	0.18

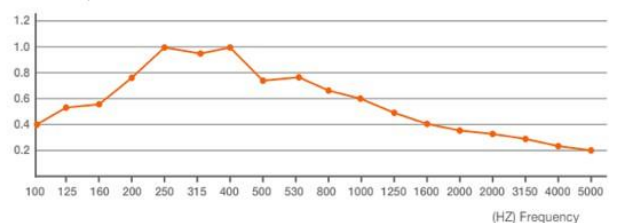
E16/6/15



Punching rate 22%



Sound absorption coefficient

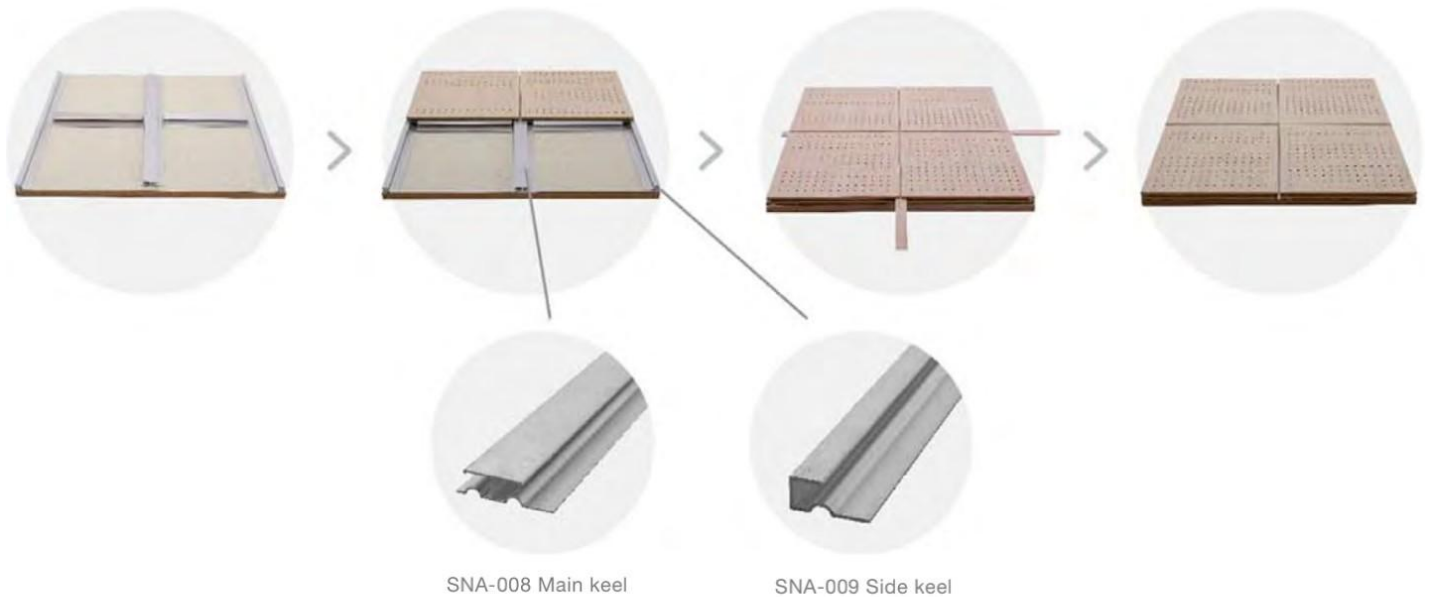


Frequency	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000
Sound absorption coefficient	0.30	0.55	0.59	0.78	0.88	1.00	0.97	0.80	0.77	0.79	0.66	0.60	0.48	0.40	0.38	0.30	0.25	0.20

THE ART OF SILENCE

INSTALLATION

KEEL SYSTEMS INSTALL METHOD



Fix main keel SNA-008 on the wood battens and light steel keel by gunnail and screw.



Fix the SNA-009 side keel in the end of install area.

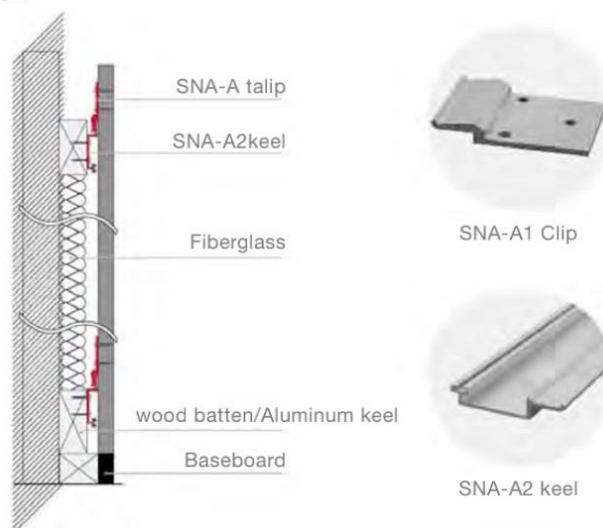


The groove move along SNA-008 and WY-009 direction from left to right and bottom to top.



Solid and natural veneer has request for texture. we will mark numbers on the back. Pls install it from small number to big.

KEEL AND CLIPS INSTALL METHOD



THE ART OF SILENCE



Test Report

No. SDHL2106010467HI

Date: Jun 29, 2021

Page 1 of 5

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

Sample Description : ACOUSTIC TIMBER WALL AND CEILING PANEL (TK)
Buyer : FOSHAN SOUND AND ACOUSTICS TECHNOLOGY CO.,LTD
Buyer Item No. : TK

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Jun 15, 2021
Test Performing Date : Jun 15, 2021 to Jun 22, 2021
Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test item	Test(s) Requested	Result(s)	Comments
1	Sound absorption coefficient	ASTM C423—07a	Refer to next page(s)	/

For further details, please refer to the following page(s)

TEST REPORT

*SOUND ABSORPTION

250-500 HZ : NRC=0.88-0.9

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch



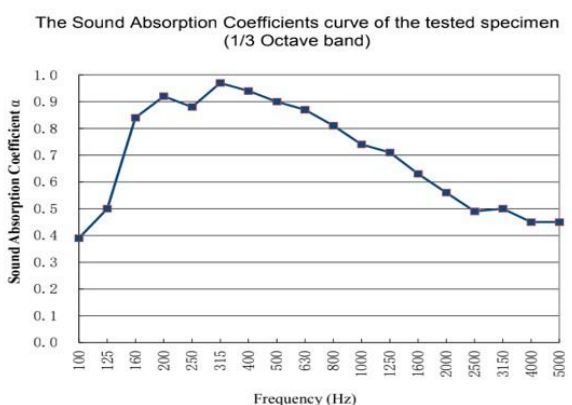
Test Report

No. SDHL2106010467HI

Date: Jun 29, 2021

Page 3 of 5

Test Result:

Specifications	Test Specimen mounting type:12 pieces of perforated wood sound absorbing boards (Area:12m ²) were laid on 100mm thick fiberglass in the middle of the floor of the reverberation room and wrapped with 1mm steel panel.	
Test Result		
Frequency f (Hz)	Sound absorption coefficient α	
100	0.39	
125	0.50	
160	0.84	
200	0.92	
250	0.88	
315	0.97	
400	0.94	
500	0.90	
630	0.87	
800	0.81	
1000	0.74	
1250	0.71	
1600	0.63	
2000	0.56	
2500	0.49	
3150	0.50	
4000	0.45	
5000	0.45	

SGS

TEST REPORT

No. : GZIN1907036827CM

Date : Aug 09, 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

Sample Name : MDF Panel
 Product Specification : 885×270
 Material and Mark : SNA

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 : Aug 09, 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


 Toby Yang
 Authorized signatory

FIREPROOF STANDARD :*SGS BS476 Part 7 : 1997 Class 1 STANDARD**

SGS

TEST REPORT

No. : GZIN1907036827CM

Date : Aug 09, 2019

Page: 4 of 5

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

1. 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).
2. 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).
3. 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:

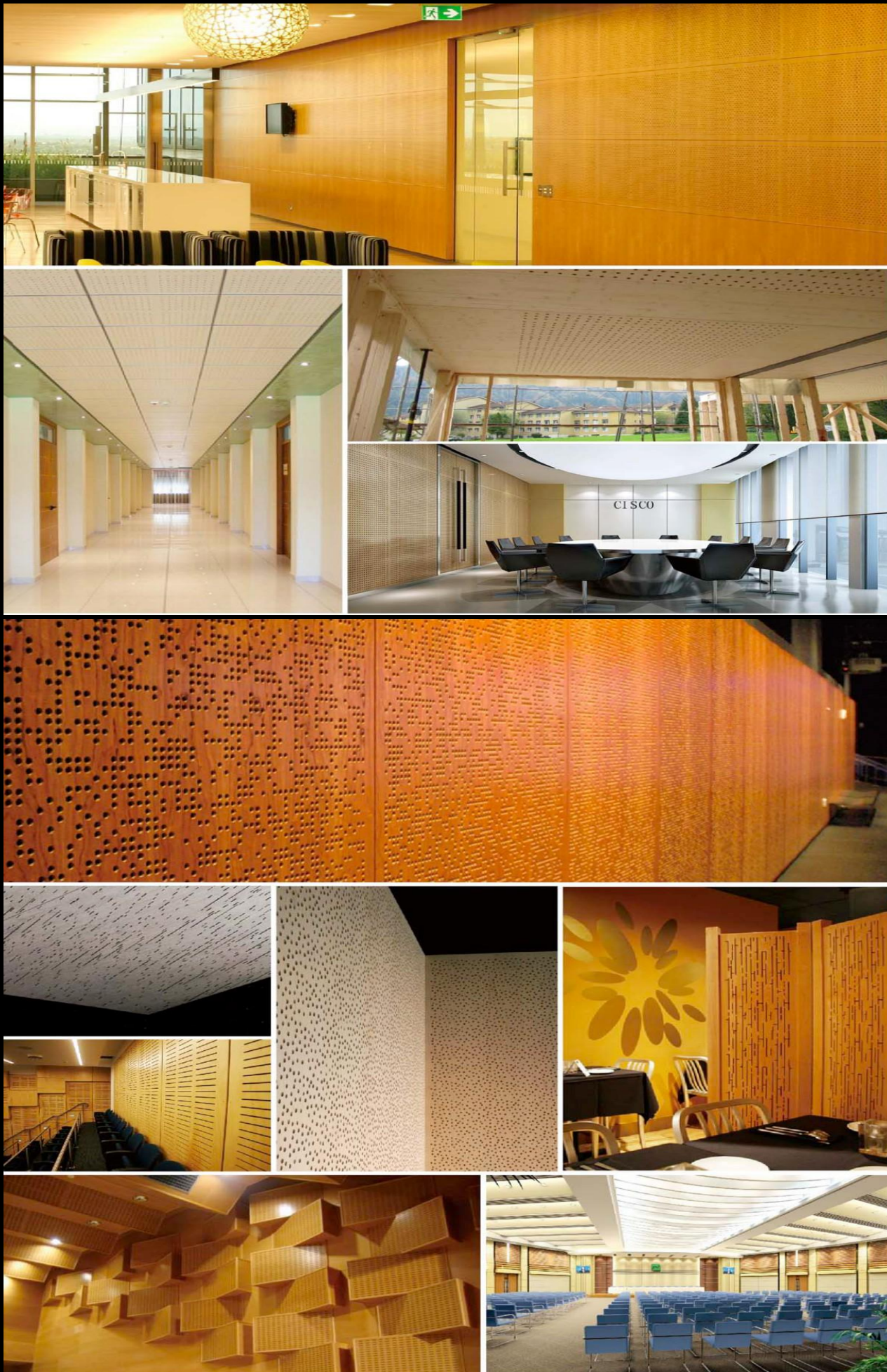
This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.
 The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test. They are not intended to be 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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GZCCM 039394



CASES



THE ART OF SILENCE