

Shanghai ColorBo Industrial Co.,Ltd

TEST REPORT

SCOPE OF WORK

PET ACOUSTIC PANEL

REPORT NUMBER

230717007SHF-002

TEST DATE(S)

2023-07-17 - 2023-08-01

ISSUE DATE

2023-08-01

PAGES

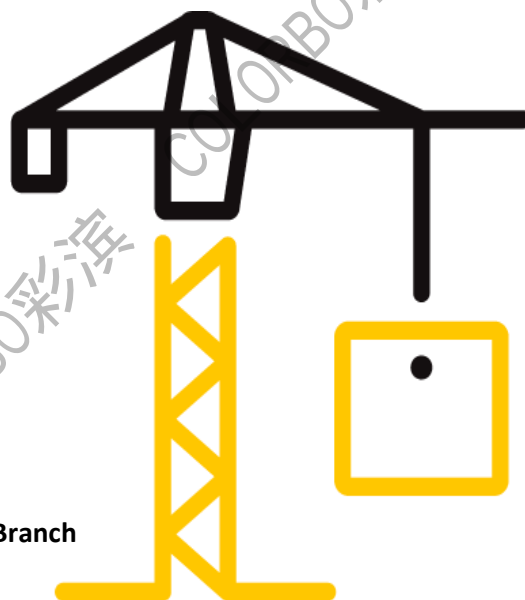
6

DOCUMENT CONTROL NUMBER

LFT-APAC-SHF-OP-10k(September 1, 2022)

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

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Test Report

Issue Date: 2023-08-01 Intertek Report No. 230717007SHF-002
Applicant: Shanghai ColorBo Industrial Co.,Ltd
Address: 202, NO.1 BUILDING,1412 TONGPU ROAD, PUTUO DISTRICT, SHANGHAI, 200333
Attn: Fiona Huang
Manufacturer: Shanghai ColorBo Industrial Co.,Ltd
Address: 202, NO.1 BUILDING,1412 TONGPU ROAD, PUTUO DISTRICT, SHANGHAI, 200333
Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	PET ACOUSTIC PANEL	Brand	COLORBO
Sample Description	Good Condition	Sample Amount	17 pcs
		Received Date	2023-07-11
Sample ID	Model	Specification	
S230717007SHF.001	/	Thickness: 12mm Mass: 2.3kg/sqm	

Test Methods And Standards

Test Standard	ASTM C423-22
Specification Standard	/
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

- 1.This report does not involve sampling. The report only reflects conformity of the tested items of the samples provided by the testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.
- 2.Test results were cited from Intertek Report No. 230717007SHF-001.

Report Authorized

Jodie Zhou

Name: Jodie Zhou
Title: Reviewer



Jackie Zhou

Name: Jackie Zhou
Title: Project Engineer

Test Report

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Test Items, Method and Results:

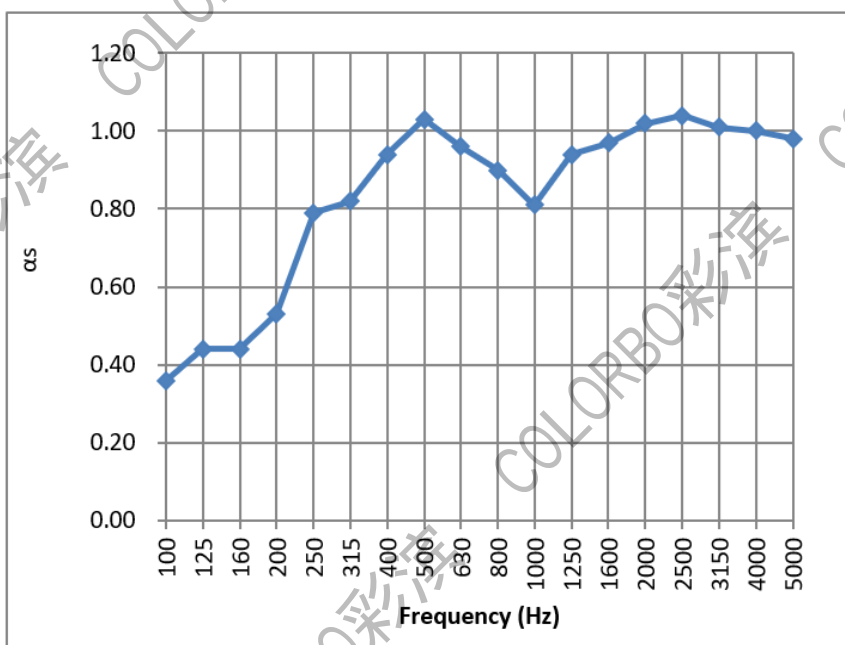
Test Method: ASTM C423-22 Sound Absorption Coefficients

Volume of the reverberation room	Vs, m ³	240	Installation Type:	E-200
Room temperature	t1, °C	26	t2, °C	26
Relative humidity of test rooms	H1,%	80	H2,%	80

Sample description:

Sample size (width*length),mm	610*1220	Thickness, mm	12
Edge treatment	/	Mass, kg/m ²	2.38
Test Area, m ²	10.8		

Frequency (Hz)	α_s
100	0.36
125	0.44
160	0.44
200	0.53
250	0.79
315	0.82
400	0.94
500	1.03
630	0.96
800	0.90
1000	0.81
1250	0.94
1600	0.97
2000	1.02
2500	1.04
3150	1.01
4000	1.00
5000	0.98
NRC	0.90
SAA	0.90



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Appendix A: Test Photos



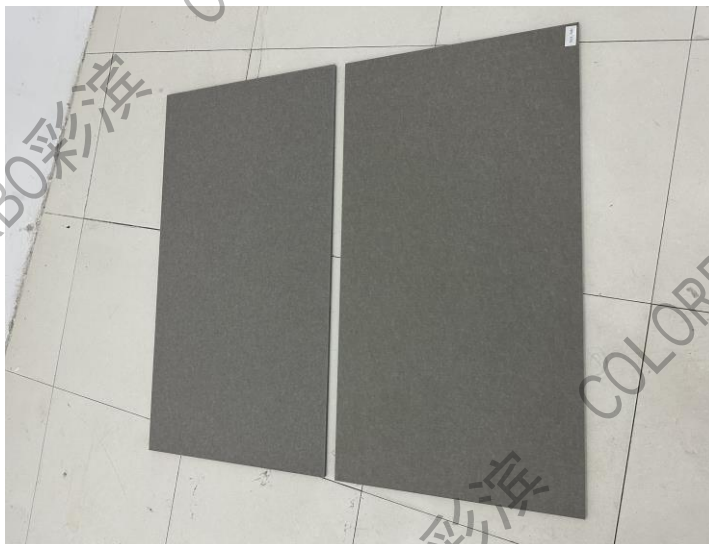
Test set up

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Appendix B: Sample Received Photo



Revision:

NO.	Date	Changes
230717007SHF-002	2023-08-01	First issue