

Shanghai Tongji Testing Technology Co., Ltd.

上海同济检测技术有限公司



Acoustic Test Report
声学性能检验报告

Client No. Z-QT190206

委托编号: Z-QT190206

Report No. ZQT190181

报告编号: ZQT190181

Client Parallel Trading (Shanghai) Co., Ltd.

委托单位 朴昕贸易(上海)有限公司

Specimen Velour CS fabric by parallel

检测项目 Parallel Velour CS 织布

Test Content Sound Absorption Coefficient

检测内容 混响室法吸声系数

Test Category Submitted Specimen

检测类别 送样

Pages of Text 2

报告正文页数 共2页

Test Organization (Stamp)

June 24, 2019



检测单位(盖章)

2019年6月24日

NOTES

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Shanghai Tongji Testing Technology Co., Ltd.

检测单位：上海同济检测技术有限公司

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质量投诉电话：021-35013988

Telephone for Specimen Receiving Room: 021-65987981

收样室电话：021-65987981

Test Report on Sound Absorption in a Reverberation Room 混响室法吸声测量报告

Specimen No. SX46

样品编号: SX46

Specimen Name: Velour CS fabric by parallel

试件名称: Parallel Velour CS 织布

Client: Parallel Trading (shanghai) Co., Ltd.

委托单位: 朴昕贸易(上海)有限公司

Test Date: June 19, 2019

测试日期: 2019年6月19日

Temperature 24.5°C **Relative Humidity** 81 %

测试环境条件: 温度: 24.5°C, 湿度: 81 %。

Specifications: 3000mm long by 3500mm wide, Fabric Composition: 100% Tvevira CS Velvet.

Area density: 400g/m². Total area: 10.5m²

试件规格: 3000mm×3500mm, 有褶皱。布料材质: 100%Trevira CS 阻燃纱线制天鹅绒织布, 布料克

重: 面密度400g/m²。总面积: 10.5m²

Mounting method: 200mm airspace from wall

安装状况: 悬挂, 离墙200mm。

Test Method: Conformed explicitly with the requirements of GB/T 20247-2006 / ISO 354:2003 :

Acoustics-Measurement of Sound Absorption in a Reverberation Room

测试依据: GB/T 20247-2006 / ISO 354: 2003 《声学 混响室吸声测量》。

Test Instruments: Acoustics Analyzer B&K2250.

测试仪器: BK2250 型声学分析仪, ENG 功率放大器, 测试专用扬声器。

Reverberation Room: Dimension: 8.6m(L)×6.8m(W)×5.4m(H); Volume: 268m³; Floor Area: 54m².

混响室: 尺寸: 8.6m(L)×6.8m(W)×5.4m(H); 容积268m³, 地面面积54m²。



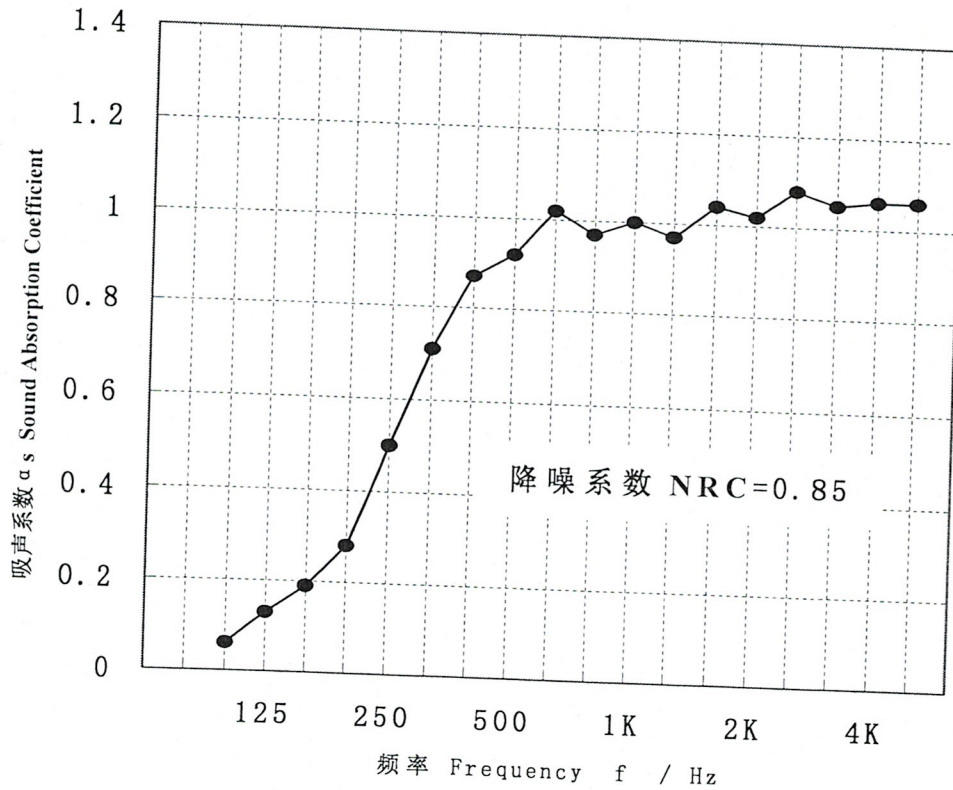
Test Results

检测结果:

Frequency (Hz) 频率/Hz	100	125	160	200	250	315	400	500	630
Absorption Coefficient α_s 吸声系数 α_s	0.06	0.13	0.19	0.28	0.50	0.71	0.87	0.92	1.02
Frequency (Hz) 频率/Hz	800	1000	1250	1600	2000	2500	3150	4000	5000
Absorption Coefficient α_s 吸声系数 α_s	0.97	1.00	0.97	1.04	1.02	1.08	1.05	1.06	1.06

Noise Reduction Coefficient: **NRC = 0.85**

降噪系数 **NRC = 0.85**



Tested 检测: 朱芳英、傅曼双

Approved 批准:

Verified 审核: 翁国荣

Approval Date 批准日期: 2018.6.25

Test Organization: Institute for Survey on Construction Quality, Tongji University

检测单位:

