

Milliken textile(Zhangjiagang) co., Ltd

TEST REPORT

SCOPE OF WORK

Milliken Flexform

REPORT NUMBER

210429002SHF-006

TEST DATE(S)

2021-04-29 - 2021-05-27

ISSUE DATE

2022-01-19

PAGES

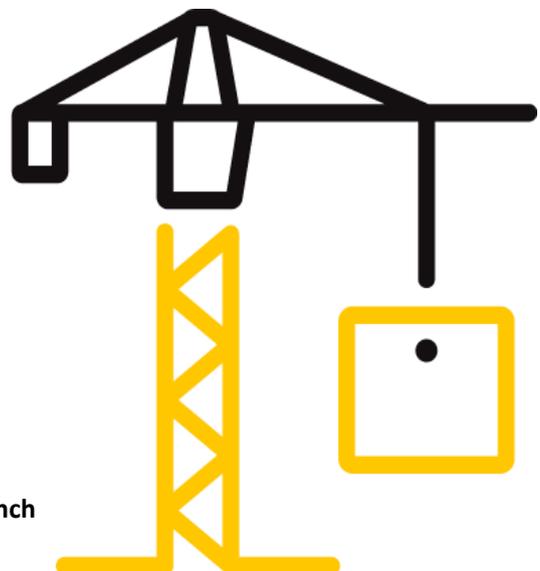
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DOCUMENT CONTROL NUMBER

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Test Report

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Test Report

Issue Date: 2022-01-19 Intertek Report No. 210429002SHF-006
Applicant: Milliken textile(Zhangjiagang)co., Ltd
Address: 19 North Guotai Rd,Zhangjiagang,Jiangsu Province China 215638
Attn: Ruliang Zhao
Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	Milliken Flexform	Brand	/
Sample Description	Good Condition	Sample Amount	54 Pcs
		Received Date	2021-04-30
Sample ID	Model	Specification	
S2104290024SHF.036	/	184.15mmX1219.2mm	

Test Methods And Standards

Test Standard	ISO 10140-3:2010/Amd.1:2015(E)
Specification Standard	ISO 717-2:2013
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

1.This report relates specifically to the sample(s) that were drawn and provided by the applicant or their nominated third party. The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment and only relate to the sample(s) as received and tested.

Report Authorized

Jodie Zhou

Name: Jodie Zhou

Title: Reviewer



Jackie Zhou

Name: Jackie Zhou

Title: Project Engineer

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Test Items, Method and Results:

Test Item: Laboratory measurements of impact sound insulation

Test method: ISO 10140-3:2010/Amd.1:2015(E)

Temperature: 22 °C Relative Humidity: 70 %

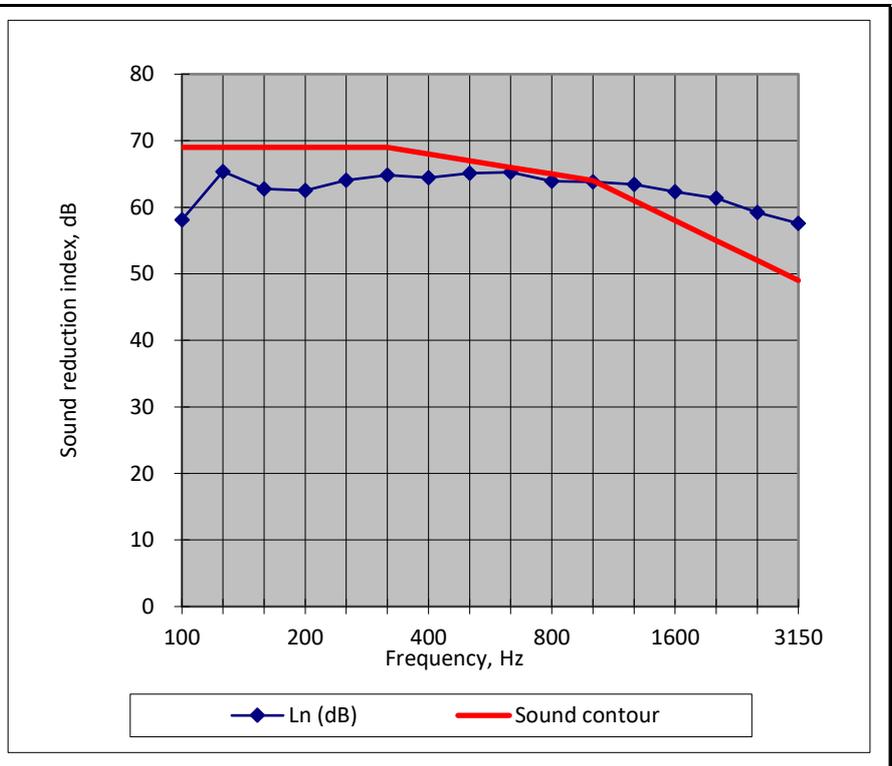
Volume of Source Room: 77 m³ Volume of Receiving Room: 112 m³

Specimen area: 12.8 m²

Floor Assemblies: The system consisted of 150mm thick concrete floor and the 5mm Milliken Flexform were placed on the concrete floor.

Mounting of the specimen: Floating installation with click joints

Frequency (Hz)	Ln (dB)
100	58.1
125	65.4
160	62.7
200	62.5
250	64.1
315	64.8
400	64.4
500	65.1
630	65.3
800	63.9
1000	63.8
1250	63.4
1600	62.3
2000	61.4
2500	59.2
3150	57.6



Rating according to ISO 717-2:2013 in one-third octave bands, the Ln,w was shown below.

Weighted normalized impact sound pressure level	Ln,w=	67	dB
Spectrum adaptation	C _r =	-7	dB

Note:

1. Evaluation based on laboratory measurement results obtained by an engineering method.
2. Ln = Normalized impact sound pressure level
3. The rating of Ln,w(C_r) was for the whole Floor assemblies.

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Test Photo:



Test Set Up



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Appendix A: Sample Received Photo



Revision:

NO.	Date	Changes
210429002SHF-006	2021-05-06	First issue

