

Test Report

Issue Date: 2017/12/21 Intertek Report No. 171205004SHF-BP-1

Applicant: PRX-TE5™ Flooring

Applicant Address: PRX-TE5™ Flooring, London, enited Singdom

Attn: Bob

SUBJECT: Performance testing
VINIL FLXXRING

Dear Sir,

This test report for represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

TEST METHODS AND STANDARDS	
Refer to the next following Pages.	

SAMPLE ID	MODEL	SPECIFICATION
S171205004SHF.001~005	/	1220*180*6.5+1.5mm IXPE

SAMPLE RECEIEVED: 2017/11/28
TESTED FROM: 2017/12/5 TO 2017/12/21

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Test Items, Method and Results:

Test method: ISO 10140-3:2010+A1:2015

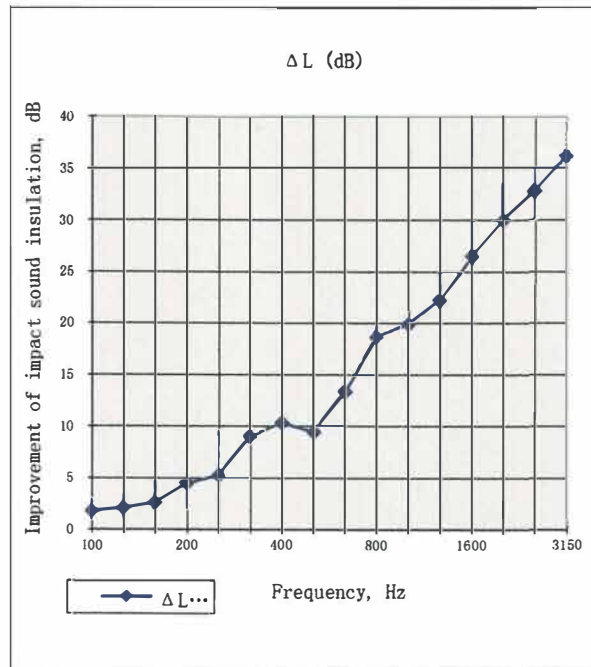
Temperature: 11 °C

Relative Humidity: 42 %

Specimen area: 11.2 m²

Specimen: The system consisted of 150mm thick concrete floor and the 8.0mm WPC flooring(with 1.5mm IXPE underlayment on the back) were placed on the concrete floor.

Frequency (Hz)	Ln,0 (dB)	ΔL (dB)
100	59.7	1.8
125	64.7	2.1
160	64.6	2.6
200	69.4	4.5
250	67.2	5.3
315	66.9	9.0
400	67.0	10.3
500	66.8	9.4
630	67.4	13.3
800	66.8	18.6
1000	65.7	19.9
1250	66.7	22.2
1600	66.4	26.5
2000	65.5	30.0
2500	65.1	32.8
3150	64.7	36.2



Rating according to ISO 717-2:2013, the ΔL_w was shown below.

Weighted improvement of impact sound insulation	ΔL _w =	20	dB
Spectrum adaptation	C _{1Δ} =	-10	dB

Note:

- These results are based on test made with an artificial source under laboratory conditions .
- Ln,0 = Normalized Sound Pressure Level for Bare standard concrete floor
 ΔL = Reduction of impact sound pressure level after floor covering
 ΔL_w = Weighted reduction of impact sound pressure level
 C_{1Δ} = Spectrum adaptation term

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Test Photos for Impact Sound Insulation:



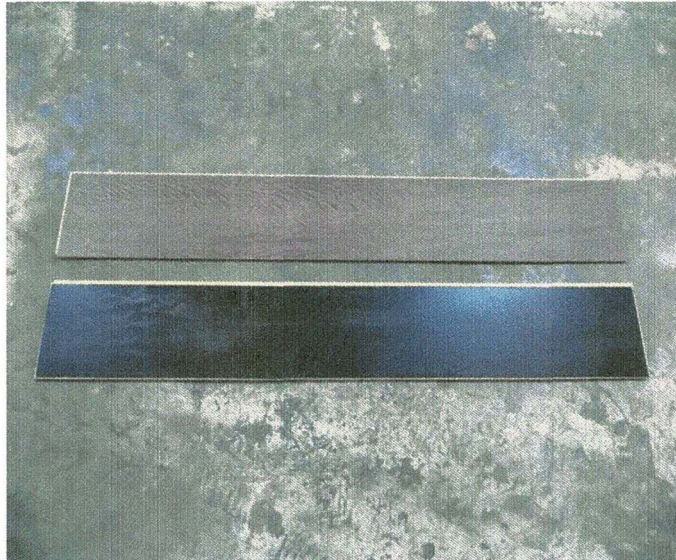
Test set up

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APPENDIX: SAMPLE RECEIVED PHOTO



REPORT AUTHORIZED

When signed with physical or electronic signature, the contents of this report have been prepared and approved per Intertek's quality process in accordance with ISO 17025.


Jodie Zhou Mason Wang Will Tan
Name: Jodie Zhou Name: Mason Wang Name: Will Tan
Title: Approver Title: Reviewer Title: Project Engineer

Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
171205004SHF-BP-1	2017/12/21	First issue	Will Tan	Mason Wang