

# Chameleon Flooring Pty Ltd

## TEST REPORT

**REPORT NUMBER**

170829002SHF-BP-1

**ISSUE DATE**

2017/9/12

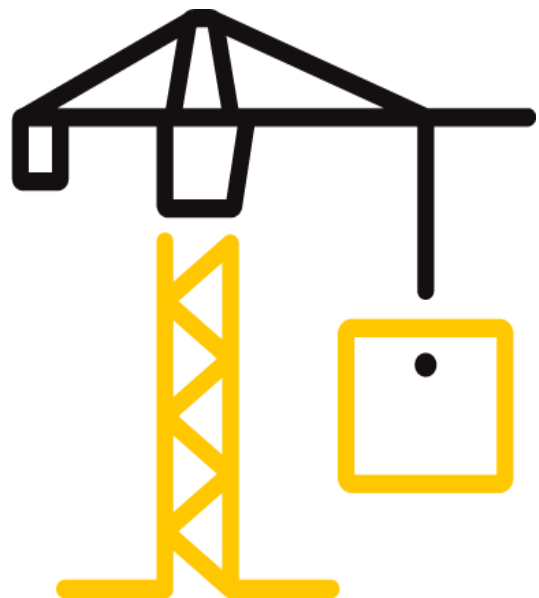
**PAGES**

5

**DOCUMENT CONTROL NUMBER**

LFT-APAC-SHF-OP-10a

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Applicant: Chameleon Flooring Pty Ltd

Applicant Address: PO Box 4126, Loganholme DC, QLD, 4129

Attn: Steven Comb

**SUBJECT:** Performance testing  
ELSA + 5MM LVT

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
S170829002SHF.001	ELSA + MAPLE	7" x 48"

SAMPLE RECEIVED: 2017/8/25  
TESTED FROM: 2017/8/29 TO 2017/9/12

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### Test Items, Method and Results:

Test method: ISO 10140-3:2010

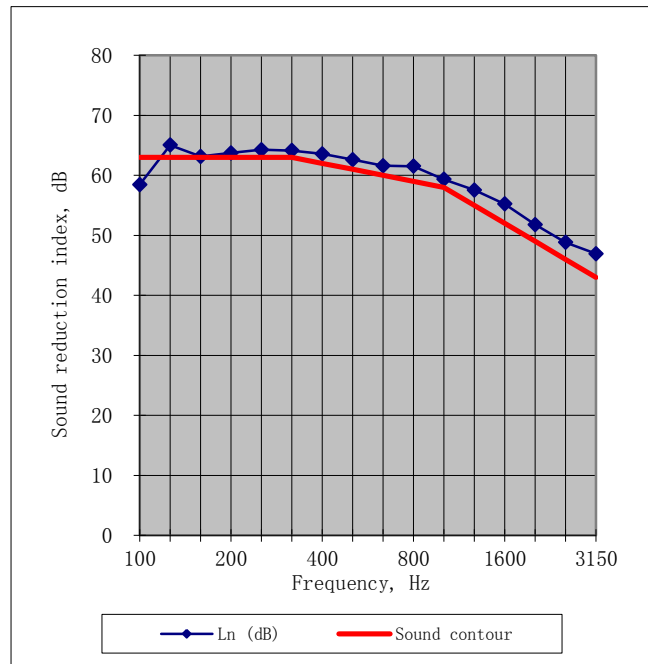
Temperature: 26 °C

Relative Humidity: 58 %

Specimen area: 11.9 m<sup>2</sup>

Floor assembly: The system consisted of 150mm thick concrete floor and the 5.0mm floorings were placed on the concrete floor.

Frequency (Hz)	Ln (dB)
100	58.5
125	65.0
160	63.1
200	63.7
250	64.2
315	64.1
400	63.6
500	62.6
630	61.6
800	61.5
1000	59.3
1250	57.5
1600	55.2
2000	51.8
2500	48.8
3150	46.9



Rating according to ISO 717-2:2013, the  $L_{n,w}$  was shown below.

Weighted normalized impact sound pressure level	$L_{n,w} =$	61 dB
Spectrum adaptation	$C_1 =$	-2 dB

Note:

1. These results are based on test made with an artificial source under laboratory conditions .

2.  $L_n$  = Normalized Sound Pressure Level for Covering over Floor System

$L_{n,w}$  = Weighted normalized impact sound pressure level

$C_1$  = Spectrum adaptation

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### Test Photos:



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      Evyn Cui      Ozzy Cheng  
Name: Jodie Zhou      Name: Evyn Cui      Name: Ozzy Cheng  
Title: Approver      Title: Reviewer      Title: Project Engineer

### Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
170829002SHF-BP-1	2017/9/12	First issue	Ozzy Cheng	Evyn Cui