

# Karndean Design Flooring

## **TEST REPORT**

REPORT NUMBER 170914003SHF-BP-1

**ISSUE DATE** 2017/10/10

**PAGES** 5

DOCUMENT CONTROL NUMBER LFT-APAC-SHF-OP-10a © 2017 INTERTEK





Issue Date:	2017/10/10	Intertek Report No.	170914003SHF-BP-1
Applicant:	Karndean Design Flooring		
Applicant Address:	835 Stud Rd Knoxfeild, Victoria, A	Australia, 3180	
Attn:	Qiang Zhou		
SUBJECT:	Performance testing		
	Korlok		

#### 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:

Refer to the next following Pages.

SAMPLE ID	MODEL	SPECIFICATION
S170914003SHF.001	RKP8116	225x1420x6.5mm

SAMPLE RECEIEVED:	2017/9/13		
TESTED FROM:	2017/9/14	то	2017/10/10

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Test Items, Method	and Resul	ts:			
Test method: ISO 101	40-3:2010	)			
Temperature:	24	°C	Relative Humidity:	66	%
Specimen area:	10.9	m <sup>2</sup>			
Floor assembly: The system consisted of 150mm thick concrete floor and the 6.5mm Korlok					
(Backed with 1mm underlayment) were placed on the concrete floor.					

Frequency	Ln			
(Hz)	(dB)			
100	54.6	∞ <sup>80</sup> T		
125	58.8			
160	61.9			
200	61.2	00 H		
250	57.7			_
315	56.6			
400	53.0	no 40		
500	49.9	06 gt		
630	48.5	.특 포 20		
800	45.1	lize		
1000	43.0			_
1250	39.2			_
1600	36.3	100 200 r	400 800 1600 Frequency Hz	3150
2000	33.8		Cound contour	
2500	31.8		Sound contour	
3150	31.5			

#### Rating according to ISO 717-2:2013, the Ln,w was shown below.

Weighted normalized impact sound pressure level	Ln,w=	52	dB	
Spectrum adaptation	C <sub>I</sub> =	0	dB	

Note:

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

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

Ln,w = Weighted normalized impact sound pressure level

C<sub>I</sub> = Spectrum adaptation



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### **Test Photo:**



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.



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Name: \*Ózzy Cheng Title: Reviewer

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Name: <sup>\*</sup> Evyn Cui Title: Project Engineer

**Revision:** 

NO.	DATE	CHANGES	AUTHOR	REVIEWER
170914003SHF-BP-1	2017/10/10	First issue	Evyn Cui	Ozzy Cheng