

# Godfrey Hirst Australia Pty Ltd

# **TEST REPORT**

#### **REPORT NUMBER**

180320008SHF-BP-1

#### **ISSUE DATE**

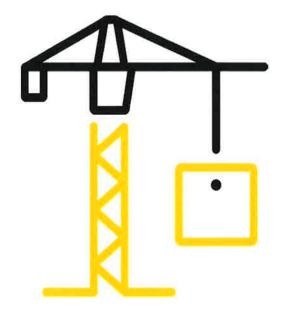
2018/4/8

#### **PAGES**

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#### **DOCUMENT CONTROL NUMBER**

LFT-APAC-SHF-OP-10a © 2018 INTERTEK





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Website: www.intertek.com

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Issue Date:

2018/4/8

Intertek Report No. 180320008SHF-BP-1

Applicant:

Godfrey Hirst Australia Pty Ltd

**Applicant Address:** 

7 Factories Road South Geelong, Victoria 3220, Australia

Attn:

Mandy Chandley

**SUBJECT:** 

Performance testing

Hybrid 5.8mm / 0.3 Wear Layer

Dear Sir,

This test report 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
S180320008SHF.001~005	/	/

SAMPLE RECEIEVED:

2018/3/19

**TESTED FROM:** 

2018/3/20

TO 2018/4/8

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LFT-APAC-SHF-OP-10a Version: 8-April-2018



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#### **Test Items, Method and Results:**

Test method: ASTM E492-09

Temperature:

15 °C

Relative Humidity: 50 %

Specimen area:

12.1 m<sup>2</sup>

Floor assembly:

The system consisted of 150mm thick concrete floor and the 5.8mm flooring (Hybrid

5.8mm / 0.3 Wear Layer) (Backed with 1.5mm EVA) were placed on the concrete

floor.

Frequency (Hz)	Ln (dB)			
100	55	65 45		
125	58			
160	57 🏶	60 50		
200	56	55 55		
250	60	50 60		
315	52	要 <sup>50</sup> 60 65		
400	53	S45 65		
500	52	40 70 <sup>Q</sup>		
630	51	10		
800	46	75		
1000	42	30 80		
1250	38			
1600	35	25		
2000	33	100 125 160 200 250 315 400 500 630 800 1000 1250 1600 2000 2000 2000 3150		
2500	30	Frequency, Hz		
3150	28			
IIC=		60		

#### Calculated Impact Insulation Class: IIC 60

#### Note:

- 1. Ln = Normalized Sound Pressure Level for Covering over Floor System
- 2. Classified IIC in accordance with ASTM E989-12, Standard Classification for Determination of Impact Insulation Class.
- 3. The IIC was for the whole floor assembly system.



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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.

Name: Jodie Zhou

Title: Reviewer

Evyn Cui

Title. Project Engineer

#### Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
180320008SHF-BP-1	2018/4/8	First issue	Evyn Cui	Jodie Zhou