

# NEW OZ BUILDING MATERIAL GROUP PTY LTD

REPORT NUMBER 171211002SHF-BP-1

**ISSUE DATE** 2017-12-22

**PAGES** 9

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Issue Date:	2017-12-22	Intertek Report No.	171211002SHF-BP-1
Applicant:	NEW OZ BUILDING MATERIAL GF	ROUP PTY LTD	
Applicant Address:	262 Parramatta Road, Granville N	ISW 2142	
Attn:	Andy Chen		
SUBJECT:	Performance testing Stone Floor 8mm		

#### 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
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Refer to the next following Pages.

SAMPLE ID	MODEL	SPECIFICATION
S171211002SHF.001~005	Stone Floor 8mm	1210×180×8/0.5mm

SAMPLE RECEIEVED:	2017-12-08, 2017-12	-15	
TESTED FROM:	2017-12-11	то	2017-12-22

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## Test Items, Method and Results:

Test Item:Water AbsorptionTest Method:ASTM D570-98(2010) e1, Section 7.1Conditioning:Condition the test specimens at (23±2)°C and (50±5)% relative humidity for at least 24hTest Condition:

	Temperature (°C)	Duration (h)
Dry in oven:	50	24
Immersion in water:	23	24
Redry in oven:	50	24

Test Result:

Parameter	Specimen 1	Specimen 2	Specimen 3
Water absorption, (%)	0.01	0.01	0.01
Average value, (%)		0.01	



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## Test Items, Method and Results:

Test Item:	Three-cycle soak test			
Test Method: ANSI/		HPVA HP-1-2009, Section 4.6		
Test Condition:				
Step 1		Submerg in water at temperature:	24	°C
		Duration:	4	h
Step 2		Dry in oven at temperature:	52	°C
		Duration:	19	h
Total cyc	les:	3		

#### Test Result:

Spacimon	measure the delamination (mm)		Vordict		
Specimen	Delamination	Length	Width	Depth	veruict
1	No	N/A	N/A	N/A	
2	No	N/A	N/A	N/A	
3	No	N/A	N/A	N/A	Dace
4	No	N/A	N/A	N/A	Pass
5	No	N/A	N/A	N/A	
6	No	N/A	N/A	N/A	

Note:

1. N/A = Not applicable

2. If no delamination occurs, result shows N/A



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## Test Items, Method and Results:

NALFA LF 01-2011: Laminate Flooring Specifications and Test Methods

Test items	Test Methods	Test Results
Castor Chair	NALFA LF 01-2011	After 25000 cycles, there was no visible damage
Resistance	Section 3.9	Arter 55000 Cycles, there was no visible damage.

Performance properties-minimum performance values					
Usage Level	Residential	Light Commercial	Commercial	Heavy Commercial	
Property					
Castor Chair Resistance	25000 cycles no effect	25000 cycles no effect	25000 cycles no effect	35000 cycles no effect	

#### **Test Photos:**





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#### Test Items, Method and Results:

Test Item:	Dimensional sta	bility		
Test Method:	ASTM F2199-09	(2014)		
Conditioning:				
Tempera	ture:	23	°C	
Humidity	:	50	%	
Duration	:	24	h	
Measure	the initial length	ı		
Test Condition:				
Tempera	ture:	82	°C	
Duration:		6	h	
Reconditioning	:			
Tempera	ture:	23	°C	
Humidity:		50	%	
Duration:		24	h	
Measure	Measure the final length			

#### Test Result:

Spacimon	Dimensional stability (%)		
Specimen	Length direction/Machine direction	Width direction/Across machine direction	
1	0.01	0.02	
2	0.01	0.02	
3	-0.03	0.00	
Average	-0.02	0.01	
Max.	-0.03	0.02	

Note:

1. Dimensional stability = (final length - initial length)×100/initial length

A negative value indicates shrinkage, and a positive value indicates expansion .



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#### Test Items, Method and Results:

Test Item:	Dimensional sta	ability		
Test Method:	In house method			
Conditioning:				
Temperature:		23	°C	
Humidity:		50	%	
Duration:		24	h	
Measure the initial length				
Test Condition:				
Temperature:		-35	°C	
Duration:		6	h	
Reconditioning:				
Temperature:		23	°C	
Humidity	/:	50	%	
Duration	:	24	h	
Measure the final length				

#### Test Result:

Specimen	Dimensional stability (%)		
	Length direction/Machine direction	Width direction/Across machine direction	
1	0.00	0.01	
2	0.00	0.00	
3	0.02	0.00	
Average	0.01	0.00	
Max.	0.02	0.01	

Note:

1. Dimensional stability = (final length - initial length)×100/initial length

A negative value indicates shrinkage, and a positive value indicates expansion .



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## Test Items, Method and Results:

Test Item: Soluble elements analysis in non-surface coating materials

Test Method: With reference to section 4.3.5.2(2)(b) of the ASTM standard consumer safety specification on toy safety F963-16, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

est Item Test Result (ppm		Detection Limit (ppm)	Limit in ASTM F963 (ppm)	
Soluble Barium (Ba)	ND	5	1000	
Soluble Lead (Pb)	ND	5	90	
Soluble Cadmium (Cd)	ND	5	75	
Soluble Antimony (Sb)	ND	5	60	
Soluble Selenium (Se)	ND	5	500	
Soluble Chromium (Cr)	ND	5	60	
Soluble Mercury (Hg)	ND	5	60	
Soluble Arsenic (As)	ND	2.5	25	

Note:

ppm = parts per million = mg/kg

ND = Not detected (less than the detection limit)



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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.

an Mason Wang Name: Sun Sun Name: 检验检测专用章 (武): Reviewer Title: Approver

Qian 'od

Name: Tod Qian Title: Project Engineer

**Revision:** 

NO.	DATE	CHANGES	AUTHOR	REVIEWER
171211002SHF-BP-1	2017-12-22	First issue	Tod Qian	Mason Wang