

BRITE DECKING (PTY) LTD

TEST REPORT

SCOPE OF WORK

Plastic-Wood Composite Decking

REPORT NUMBER

201111001SHF-003

TEST DATE(S)

2020-11-11 - 2020-11-30

ISSUE DATE

2020-11-30

PAGES

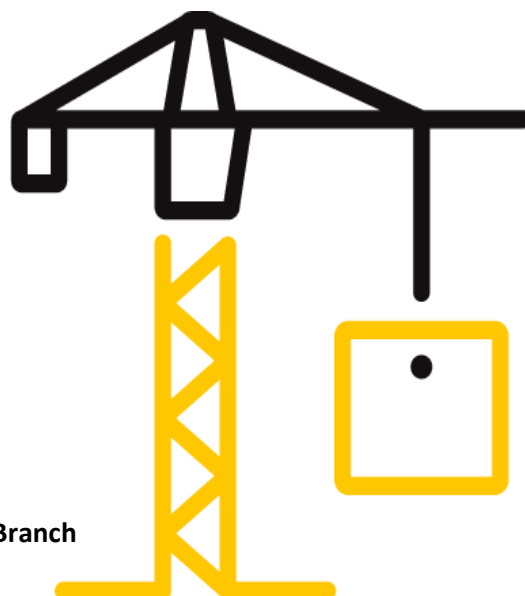
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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



Test Report

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Test Report

Issue Date: 2020-11-30 Intertek Report No. 201111001SHF-003
Applicant: BRITE DECKING (PTY) LTD
Address: Encompass Business Park, D3/101 Rookwood Road, Yagoona, NSW2199, Australia
Attn: Ravindran Kanapathipillai
Manufacturer : BETTO WOOD NEW MATERIAL TECH. CO., LTD.
Address : Building 10#, No.6 HeShi Rd., QiaoTou Town, DongGuan City, China
Test Type : Performance test, samples provided by the applicant.

Product Information

Product Name	Plastic-Wood Composite Decking	Brand	BETTO WOOD®
Sample Description	Good Condition	Sample Amount	44 pcs
		Received Date	2020-11-09
Sample ID	Model	Specification	
S201111001SHF.004~006	D140-T24	140× 24	

Test Methods And Standards

Test Standard	With reference to ASTM F963-17, With reference to EN 14372:2004, ASTM D6007-14
Specification Standard	/
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

1.This report relates specifically to the sample(s) that were drawn and provided by the applicant or their nominated third party. The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment and only relate to the sample(s) as received and tested.

Report Authorized

Flora

Name: Flora Fan

Title: Reviewer



Jackie Zhou

Name: Jackie Zhou

Title: Project Engineer

Test Report

Issue Date: 2020-11-30

Intertek Report No. 201111001SHF-003

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 F963-17, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

Test 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:

1. ppm = parts per million = mg/kg
2. ND = Not detected (less than the detection limit)
3. Test location: Central Chemical Lab of Intertek Testing Services Ltd., Shanghai
Address: Block B, Jinling Business Square, No.801, Yi Shan Road, Shanghai, China

Test Report

Issue Date: 2020-11-30

Intertek Report No. 201111001SHF-003

Test Items, Method and Results:

Test Item: Phthalate content test

Test Method: With reference to CPSC-CH-C1001-09.3, by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

Tested compound	Result (mg/kg)
Di-butyl phthalate (DBP)	ND
Di(2-ethyl hexyl) phthalate (DEHP)	ND
Benzyl butyl phthalate (BBP)	ND
Di-iso-nonyl phthalate (DINP)	ND
Di-n-octyl phthalate (DNOP)	ND
Di-iso-decyl phthalate (DIDP)	ND
Di-n-hexyl phthalate (DnHP/DHEXP)	ND
Di-iso-butyl phthalate (DIBP)	ND
Di-n-pentyl phthalate (DnPP/DPENP)	ND
Di-cyclohexyl phthalate (DCHP)	ND

Note:

1. Detection limit = 100mg/kg
2. ND = Not detected(less than the detection limit)
3. Test location: Central Chemical Lab of Intertek Testing Services Ltd., Shanghai
Address: Block B, Jinling Business Square, No.801, Yi Shan Road, Shanghai, China

Test Report

Issue Date: 2020-11-30

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Test Items, Method and Results:

Test Item: Formaldehyde content test

Test Method: As per ASTM D6007-14 small scale chamber method, formaldehyde content was detected by UV-VIS spectrophotometer.

Test condition:

Chamber type:	0.225 m ³ stainless steel chamber
Climatic conditions:	25°C, 50% R.H.
Air exchange rate:	0.5 h ⁻¹
Loading factor:	0.43 m ² /m ³
Test result:	ND

Note:

1. ppm = parts of formaldehyde per million parts air
2. Detection limit = 0.02 ppm
3. ND = Not detected (less than the detection limit)
4. The sample was conditioned at 24±3 °C, 50±5% relative humidity for seven days before the testing.
5. Test location: Central Chemical Lab of Intertek Testing Services Ltd., Shanghai
Address: Block B, Jinling Business Square, No. 801, Yi Shan Road, Shanghai, China



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Appendix A: Sample Received Photo



Front View(Test Face)



Back View



Section View

Revision:

NO.	Date	Changes	Author	Reviewer
201111001SHF-003	2020-11-30	First issue	Jackie Zhou	Flora Fan