

# Huizhou Oakio Plastic Wood Building Materials Co.,Ltd.

## TEST Report

### SCOPE OF WORKs

<Performance testing – Matshield (Co-extrusion) Composite decking>

### REPORT NUMBER

170527113GZU-001

### ISSUE DATE

20-Jun-17

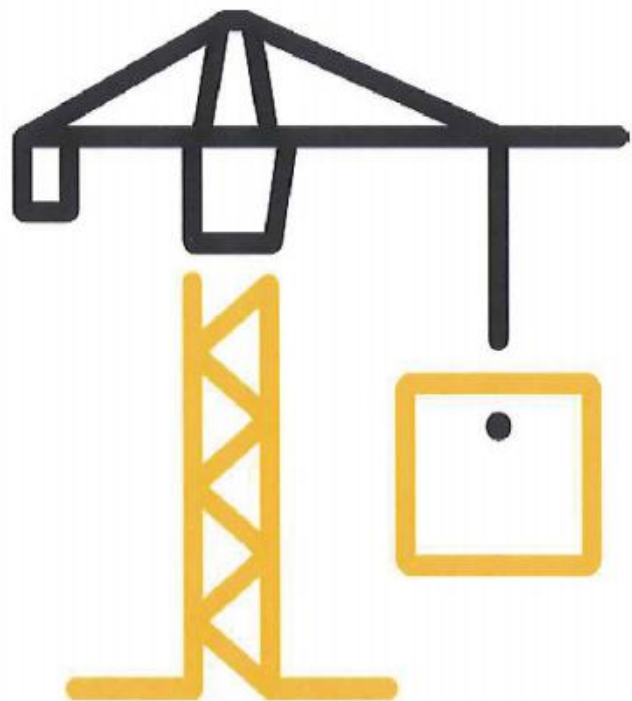
### PAGES

4

### DOCUMENT CONTROL NUMBER

TTRF-PERF02-EN

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## Test Report

**Report Number: 170527113GZU-001**

**Report Date: 2017-6-20**

**Applicant:** Huizhou Oakio Plastic Wood Building Materials Co.,Ltd.

**Applicant Address:** 11th Floor, Building 1, Huamao Building, Wenchang Road 1, Huizhou, Guangdong, China

**Attn:** Allen

### Sample Information As Declaration:

**Product Name:** Matshield (Co-extrusion) Composite decking  
**Tested Model:** NA  
**Specification:** NA  
**Model Similarity:** NA  
**Sample Quantity:** 10  
**Sample ID:** S170527113-001~010  
**Date Received:** 2017-05-27  
**Date Test Conducted:** 2017-5-27 ~ 2017-6-20  
**Status As Sample Received:** Sample received was in good condition  
**Test lab :** Intertek Testing Services Shenzhen Ltd. Guangzhou Branch  
**Test lab address:** No. 9 Nan Xiang San Road, GETDD, Guangzhou, China

### Conclusion:

For details refer to attached page(s).

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**Test Items, Method and Results:**

If related to subcontract, the remark\* for the test items conducted by a subcontractor.

When determining the test result, measurement uncertainty has been considered.

No.	Test Item	Test Parameter	Test Result	Verdict
1	*Anti-slip property	Test method: DIN 51130-2014	Mean overall acceptance angle: 20.2° Slip resistance class: R11 (See table 1 for slip-resistance classification)	-
2	Falling mass impact resistance	Test method: Clause 7.1.2.1 of EN 15534-1:2014 Distance between supports: 200mm Radius of striker: 25mm Mass of striker: 1kg Falling height: 700mm	None of 10 test specimens showed a crack. Maximum depth of residual indentation: 0.26mm	-
3	Resistance to indentation	Test method: Clause 7.6 of EN 15534-1:2014 Diameter of indenter: 10mm Test speed: 66N/s	Brinell hardness: 58N/mm <sup>2</sup> Rate of elastic recovery: 71.3%	-
4	Abrasion resistance	Test method: ASTM D4060-14 Wheel: CS17 Load: 1kg/wheel Revolutions: 1000	Wear index: 13.2mg/1000r	-

Corrected mean overall acceptance angle	Slip resistance class
6° to 10°	R9
Over 10° up to 19°	R10
Over 19° up to 27°	R11
Over 27° up to 35°	R12
Over 35°	R13

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**Appendix A: Sample received photo**

<p>A1. Face view of sample</p>	<p>A2. Back view of sample</p>
	<p>Blank</p>
<p>A3. Side view of sample</p>	

**Approved by:**

*Jeff Deng*

Name: Jeff Deng

Title: Assit Manager

**Drafted by:**

*Martin Guo*

Name: Martin Guo

Title: Testing Engineer

**Revision:**

Report No.	Date	Changes	Author	Reviewer
170527113GZU-001	2017-06-20	First issue	Martin Guo	Jeff Deng

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The End of Report