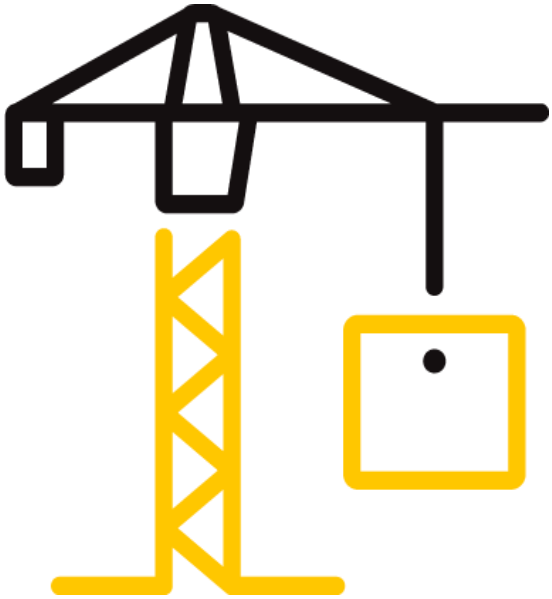
FOSHAN MEXYTECH CO., LIMITED

TEST REPORT

SCOPE OF WORK
WPC Fence



REPORT NUMBER
240411095GZU-001

TEST DATE(S)
From 4/11/2024 to 4/24/2024

ISSUE DATE **[REVISED DATE]**
4/26/2024 /

PAGES
5

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

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Website: www.intertek.com

Test Report

Report No.: 240411095GZU-001
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Statement

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2.This report is invalid where any unauthorized modification indicated.

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5.All the test results if need to give the statement of conformity refer to the decision rule of ILAC G8:09/2019 Clause 4.2.1“Binary Statement for Simple Acceptance Rule”.

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Client Information:

Applicant Name:	FOSHAN MEXYTECH CO., LIMITED
Address:	Room 2-8, Building B, Torch Innovation Park, Jihua 2 Road, Chancheng District Foshan City, Guangdong Province, China
Attn:	luckyshaw@mexytech.com

Product Information:

Product Name	WPC fence	Sample Description	Good Condition
Model and/ or type reference	Privacy Fence	Received Date	4/11/2024
Sample ID.	S240411095GZU.001	Sample Amount	1 Set
Specification	1830mm x 1800mm	Brand	/
Manufacturer	FOSHAN MEXYTECH CO., LIMITED		
Address	Room 2-8, Building B, Torch Innovation Park, Jihua 2 Road, Chancheng District Fosha		
Test Type	Performance test, samples provided by the applicant		

Test Methods And Standards:

Test Standard	EN 1991-1-4-2005+A1-2010 and Inhouse method
Specification Standard	Client's requirement
Test Conclusion	The samples were tested according to the above method, and the results are shown in the following page(s).

Laboratory information:

Testing Laboratory	Intertek testing services Shenzhen Ltd. Guangzhou Branch
Test location	Room 4103 & 4203, No. 63 Punan Road, Huangpu District, Guangzhou, China

Report Authorized :

Approved By: Jeff Deng
Manager

Checked By: Jinhui Zheng
Project Engineer

Note: If you have any questions for the report, please contact: lillian.lf.he@intertek.com

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Test Items, Method and Results:

No.	Test Item	Test Parameter	Test Result	Verdict
1	Wind resistance test	Test method: Inhouse method, EN 1991-1-4-2005+A1-2010 and Client's requirements Requirements: The fencing system shall resist a maximum horizontal uniform load of 372,1 N/m² (1) to the effective surface of fence system (as 9 Beaufort scale or wind level 9) Load applied period: 3 minutes	Max. deformation under the wind load test: 48.93 mm Permanent deformation: 2.45 mm There was no faillure, nor any evidence of disengagement of any component, nor visible cracks in any component	Pass
Remark: (1): the basic velocity pressure equation from standard EN 1991-1-4, $q_b=1/2\ \rho\ v_b^2$, where the recommended value for air density ρ is 1,25kg/m^3, the basic wind velocity v_b for wind level 9 is in the range of 20,8m/s ~24,4m/s. thus, the basic velocity pressure for wind level 9 is in the range of 270.4 N/m^2~ 372.1 N/m^2.				

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Appendix A: Sample Received Photo

A.1 Overall view

Revision:

Revision No.	Date	REVISION	Reviser	Reviewer
/	/	Original Report Issue	/	/

**********End of Report**********