

SAiGE Longlife Decking Ltd

TEST REPORT

REPORT NUMBER

180807002SHF-BP-1-R1

ISSUE DATE

2018/8/28

REVISED DATE

2018/9/4

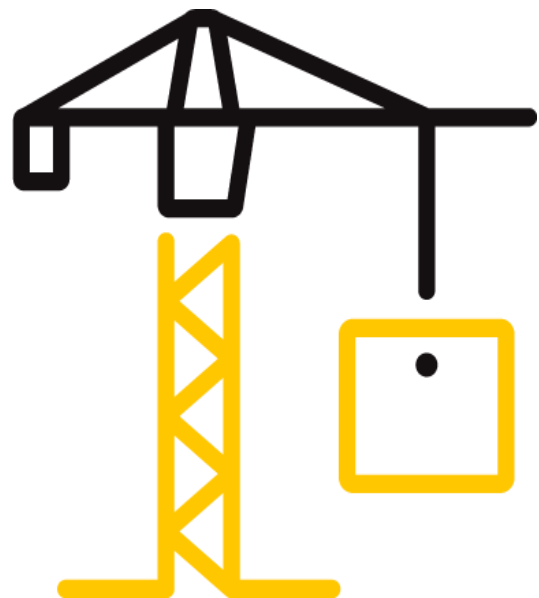
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Applicant: SAiGE Longlife Decking Ltd

Applicant Address: Vicarage Barns Lower Quinton Stratford upon Avon Warwickshire CV37 8SH

SUBJECT: Performance testing
SAiGE Composite Fences

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
S180807002SHF.001~002	/	1.85*1.85

SAMPLE RECEIVED: 2018/8/6
TESTED FROM: 2018/8/7 TO 2018/8/28

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Test Items, Method and Results:

Test Item	Test Method	Test Result	Requirement	Verdict
Wind resistant	In house method	The Fence system resisted the test load over the effective area with no failure.	The fencing system shall resist a maximum horizontal quarter point load of 372.1 N/m^2 x effective area of system (as 9 Beaufort scale or 9 wind level)	Pass

Note:

1. The effective area was 3.34 m^2 (1.820m height x 1.835m width).
2. The test load was 1243 N as wind level 9 per the requirement by the applicant.
3. This test was conducted with quarter-point loading required by the applicant.

Test photo:



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Test Items, Method and Results:

Test Item	Test Method	Test Result
Loading bearing test	In house method	When the applied load reached 2460N, there was serious deformation occurred on the base plate of the post and the test load was no more increasing.

Note:

1. The effective area was 3.34 m² (1.820m height × 1.835m width).
2. Applied the test load at 175 cm height from the bottom of the panel to the bearing bar.

Test photo:



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Product Drawing:

FENCE

Itemized Materials list

No.	Item Image	Name	Number
①		Base Plate	X2
②		Hexagon Screw	X8
③		Base Plate Screw	X8
④		Bracket	X8
⑤		Screw For Bracket	X16
⑥		Post Cap	X2
⑦		Strengthening Bar	X4

TOOLS

① Connection base plate and post
X 2

② Connection bracket and Top & bottom cover
X 2

③ Fix the post in the ground.
Measuring the distance between the two post
1.5cm

④ Sequentially installed Top & bottom cover and Composite Fence Board (with Strengthening Bar)

⑤ Inserted the side cover and post cap
Measuring and cutting side cover
1.5X

⑥ Install the end

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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: Mason Wang
Title: Reviewer


Name: Kyle Wang
Title: Project Engineer



Revision:

NO.	DATE	CHANGES	AUTHOR	REVIEWER
180807002SHF-BP-1	2018/8/28	First issue	Kyle Wang	Mason Wang
180807002SHF-BP-1-R1	2018/9/4	Add the requirement and Verdict for wind resistant test	Kyle Wang	Mason Wang