

# SAiGE Longlife Decking Ltd

## TEST REPORT

**SCOPE OF WORK**

SAiGE Composite Fences

**REPORT NUMBER**

190927015SHF-001

**TEST DATE(S)**

2019-09-27 - 2019-10-30

**ISSUE DATE**

2019-10-30

**PAGES**

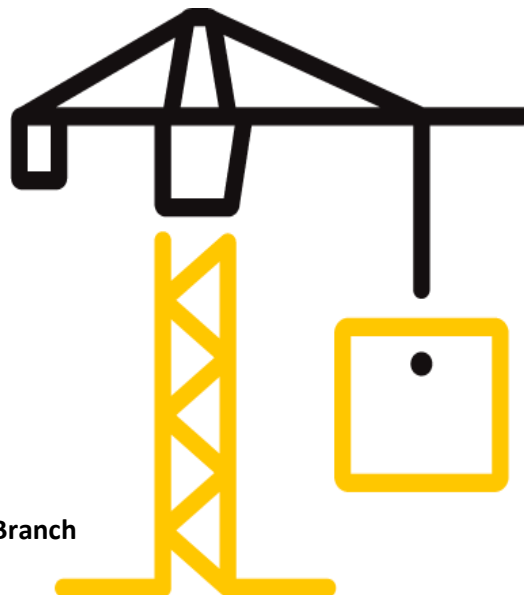
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**DOCUMENT CONTROL NUMBER**

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## Test Report

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## Test Report

Issue Date: 2019-10-30 Intertek Report No. 190927015SHF-001  
 Applicant: SAiGE Longlife Decking Ltd  
 Address: Vicarage Barns Lower Quinton Stratford upon Avon Warwickshire CV37 8SH  
 Attn: Robert Moore  
 Test Type : Performance test, samples provided by the applicant.

### Product Information

<b>Product Name</b>	SAiGE Composite Fences		<b>Brand</b>	SAiGE
<b>Sample Description</b>	Good Condition		<b>Sample Amount</b>	1 set
			<b>Received Date</b>	2019-09-17
<b>Sample ID</b>	<b>Model</b>	<b>Specification</b>		
S190927015SHF.001	1	1.8*1.8m		


### Test Methods And Standards

<b>Test Standard</b>	BS EN 15534-6:2015+A1:2017
<b>Specification Standard</b>	BS EN 15534-6:2015+A1:2017
<b>Test Conclusion</b>	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


  
Mason Wang                      Torres Qi  
 Name: Mason Wang                      Name: Torres Qi  
 Title: Reviewer                      Title: Project Engineer

# Test Report

Issue Date: 2019-10-30

Intertek Report No. 190927015SHF-001

## Test Items, Method and Results:

BS EN 15534-6:2015+A1:2017 Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) Part 6: Specifications for fencing profiles and elements

Test Item	Test Method	Test requirements	Test results	Verdict
Deformation due to the exposure to thermal radiations from the sun	BS EN 15534-6:2015+A1:2017 Section 5 and Annex B	Maximum bow: 1% of the span (distance between two fixations) Maximum cupping: 1% of the width of the fencing element	Maximum bow: 0.03% Maximum cupping: 0.04%	Pass

### Note:

1. The height of the fence: 1810 mm, the width between two posts of the fence: 1730 mm
2. The effective width of one fence element: 145 mm

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### Test Items, Method and Results:

BS EN 15534-6:2015+A1:2017 Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) Part 6: Specifications for fencing profiles and elements

Test Item	Test Method	Test Result
Soft body impact resistance	BS EN 15534-6:2015+A1:2017 Section 5 and Annex D	Impact energy: 98 J There was no any obvious damage after test

Note:

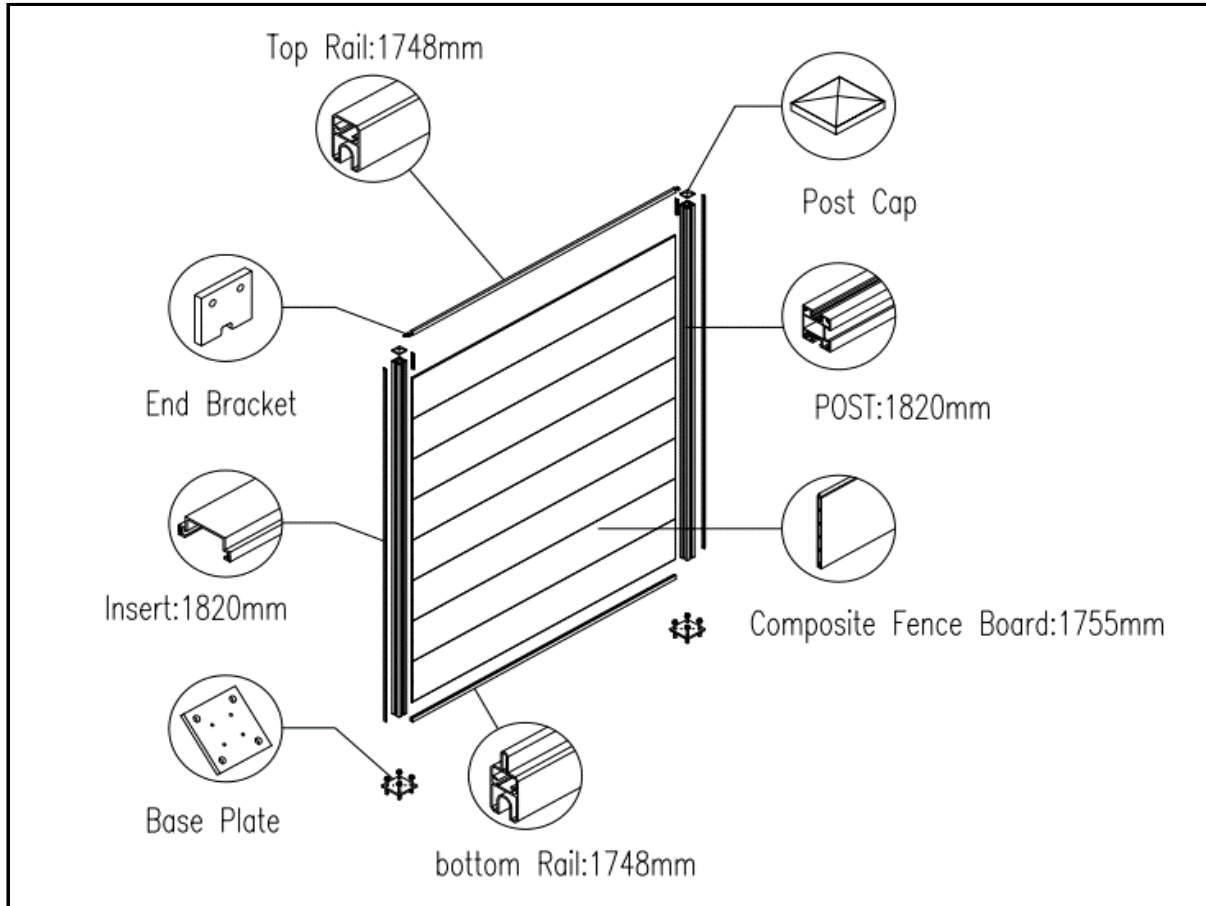
1. The height of the fence: 1810 mm, the width of the fence: 1730 mm
2. The drop mass: 50 kg
3. The drop height was 200 mm confirmed by applicant
4. The point of impact was the center of the fencing system required by applicant.

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### Product Drawing:



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### Appendix A: Sample Received Photo



### Revision:

NO.	Date	Changes	Author	Reviewer
190927015SHF-001	2019-10-30	First issue	Torres Qi	Mason Wang