SAIGE LONGLIFE DECKING LIMITED

TEST REPORT

SCOPE OF WORK
Essentials Range Boards

REPORT NUMBER
230904007SHF-004

TEST DATE(S)
2023-09-04 - 2023-09-22

ISSUE DATE
2023-09-28

PAGES
10

DOCUMENT CONTROL NUMBER
LFT-APAC-SHF-OP-10k(September 1, 2022)
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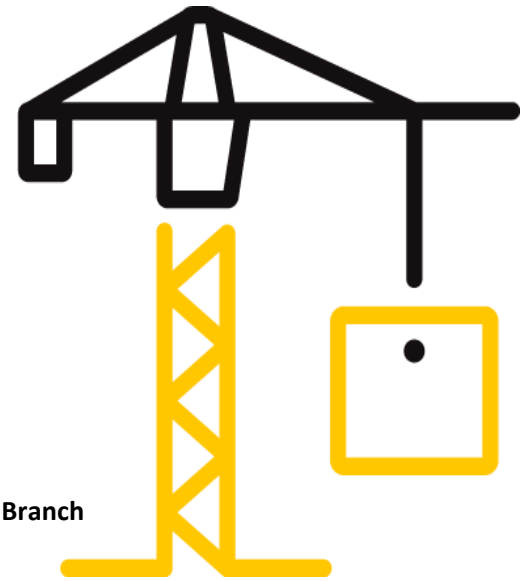

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

Test Report

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9.The report was digital signed by Shang Hai, Intertek Group plc, please using Adobe Acrobat Reader to verify the authenticity.

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch
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Test Report

Issue Date: 2023-09-28 Intertek Report No. 230904007SHF-004

Applicant: SAIGE LONGLIFE DECKING LIMITED

Address: VICARAGE BARNS LOWER QUINTON STRATFORD UPON AVON WARWICKSHIRE CV378SG ENGLAND

Attn: York

Test Type: Performance test, samples provided by the applicant.

Product Information

Product Name	Essentials Range Boards	**Brand**	/
Sample Description	Good Condition	**Sample Amount**	25 pcs
		Received Date	2023-08-31

Sample ID	**Model**	**Specification**
S230904007SHF.013~017	137*23	400mm, 450mm, 500mm, 550mm, 600mm

Test Methods And Standards

Test Standard	In house method
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 does not involve sampling. The report only reflects conformity of the tested items of the samples provided by the testing applicant. Representativeness and authenticity of the submitted samples are responsibilities of the testing applicant.

Report Authorized

Name: Daniel Zhang Name: Erin Huang

Title: Reviewer Title: Project Engineer

Test Report

Issue Date: 2023-09-28 Intertek Report No. 230904007SHF-004

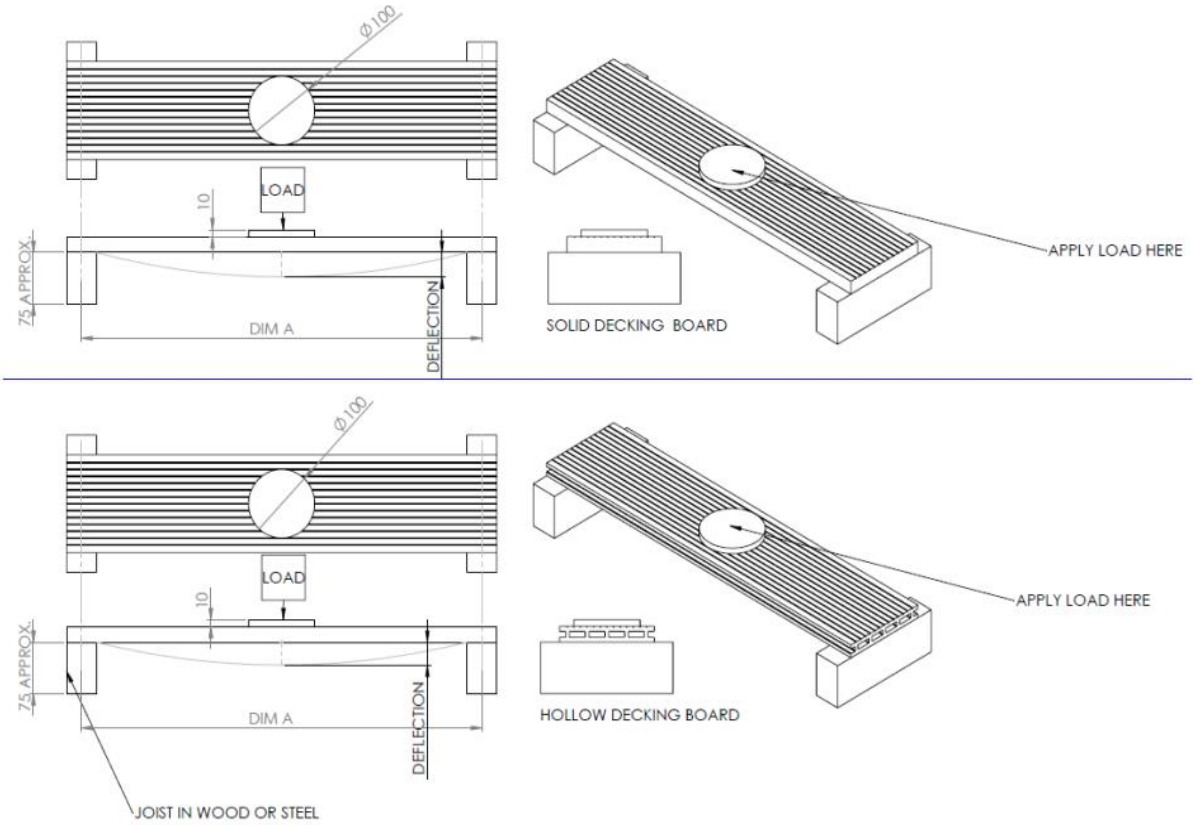
Test Items, Method and Results:

Test Item: Board Pressure Test

Condition: 48 hours at a temperature of 23±2°C and relative humidity of 50±5%

Test Speed: 3 mm/min

Test Arrangement:



Test Report

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Test Items, Method and Results:

Test Result:

Deflection		Load at test span of, N				
		300mm	350mm	400mm	450mm	500mm
1mm	Specimen 1	886	578	402	303	211
	Specimen 2	770	590	473	338	221
	Specimen 3	704	615	475	329	205
2mm	Specimen 1	1965	1230	922	663	480
	Specimen 2	1797	1239	990	700	497
	Specimen 3	1742	1277	1000	697	470
3mm	Specimen 1	3193	1907	1423	1021	745
	Specimen 2	3029	1927	1488	1052	760
	Specimen 3	2967	1986	1509	1052	735
4mm	Specimen 1	4203	2591	1882	1354	998
	Specimen 2	4104	2603	1942	1387	1010
	Specimen 3	4041	2671	1971	1392	985
5mm	Specimen 1	4975	3180	2295	1661	1236
	Specimen 2	4994	3185	2350	1696	1246
	Specimen 3	4930	3260	2385	1705	1221
6mm	Specimen 1	/	3666	2659	1944	1458
	Specimen 2	5671	3667	2708	1975	1467
	Specimen 3	5611	3749	2749	1990	1441
7mm	Specimen 1	/	4045	2973	2199	1665
	Specimen 2	6140	4045	3015	2227	1671
	Specimen 3	/	4129	3060	2245	1645
8mm	Specimen 1	/	/	3236	2428	1855
	Specimen 2	/	/	3269	2453	1859
	Specimen 3	/	/	3316	2472	1831
9mm	Specimen 1	/	/	3442	2627	2028
	Specimen 2	/	/	3476	2649	2030
	Specimen 3	/	/	3513	2670	2002
10mm	Specimen 1	/	/	3592	2796	2184
	Specimen 2	/	/	3604	2814	2185
	Specimen 3	/	/	3651	2857	2156

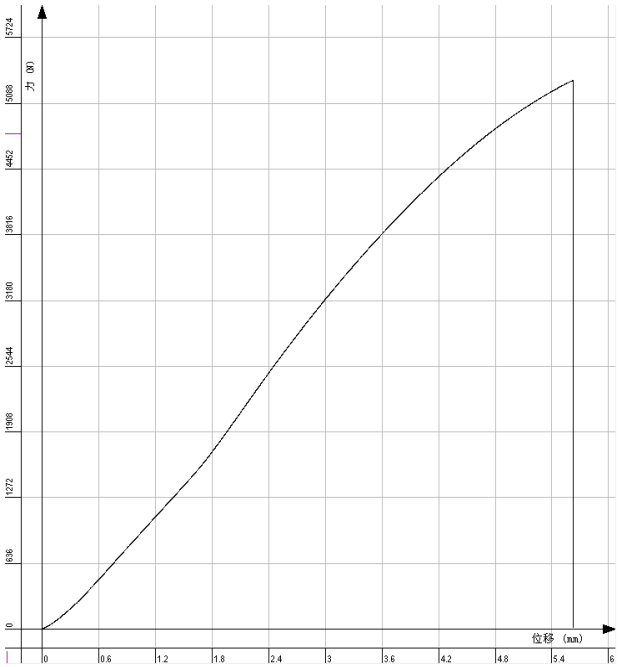
Load and deflection at failure										
No.	mm	N	mm	N	mm	N	mm	N	mm	N
Specimen 1	5.62	5308	7.73	4247	10.41	3635	12.23	3057	15.65	2722
Specimen 2	7.00	6141	7.57	4207	10.64	3670	12.50	3086	15.35	2709
Specimen 3	6.70	5959	7.54	4280	10.23	3672	12.90	3140	16.01	2710

Test Report

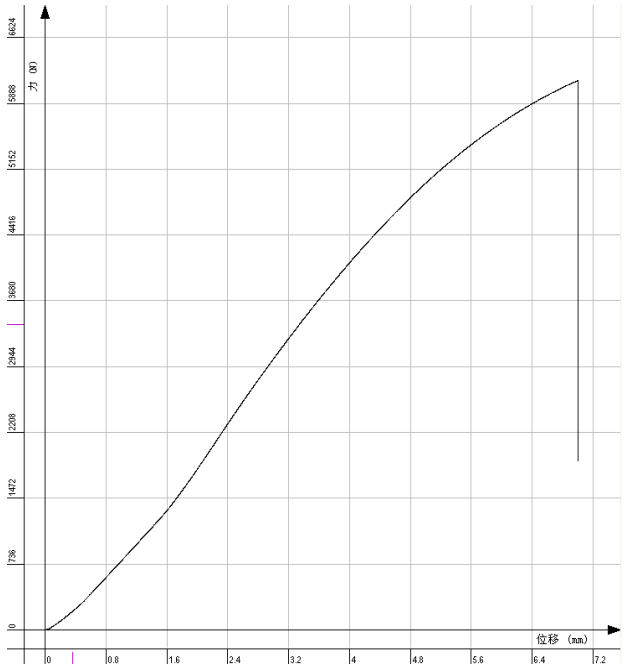
Issue Date: 2023-09-28 Intertek Report No. 230904007SHF-004

Test Items, Method and Results:

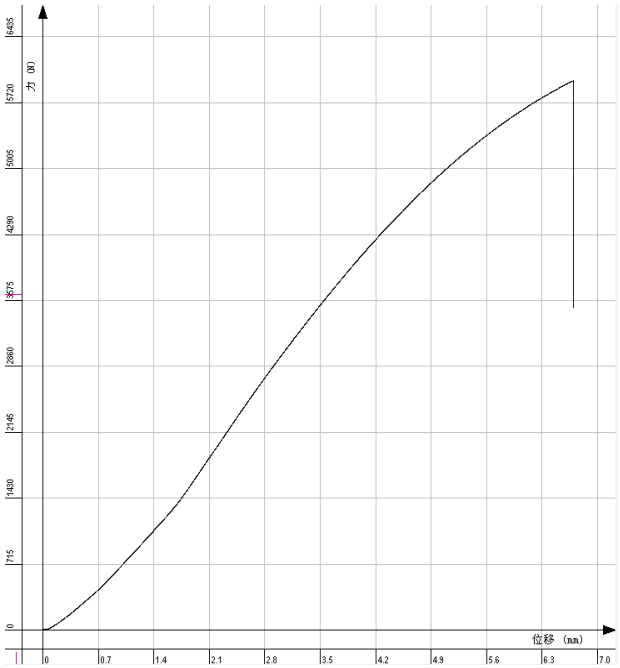
Test Curves:



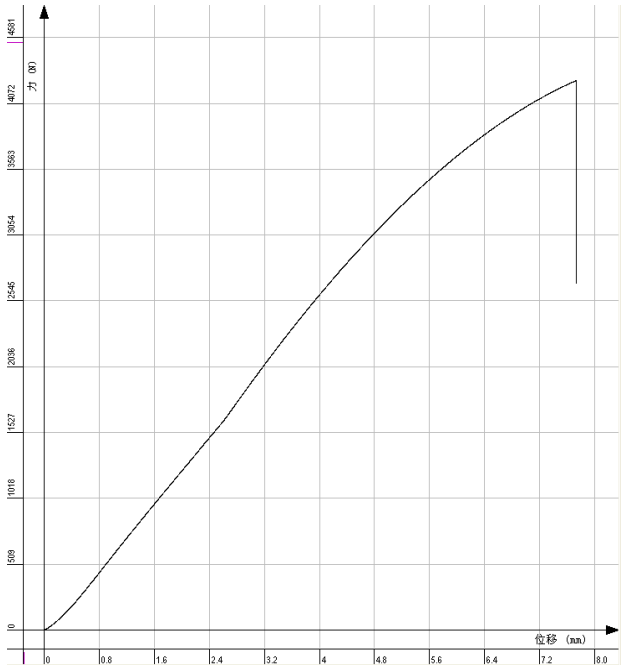
Span at 300mm - Specimen 1



Span at 300mm - Specimen 2



Span at 300mm - Specimen 3



Span at 350mm - Specimen 1

Test Report

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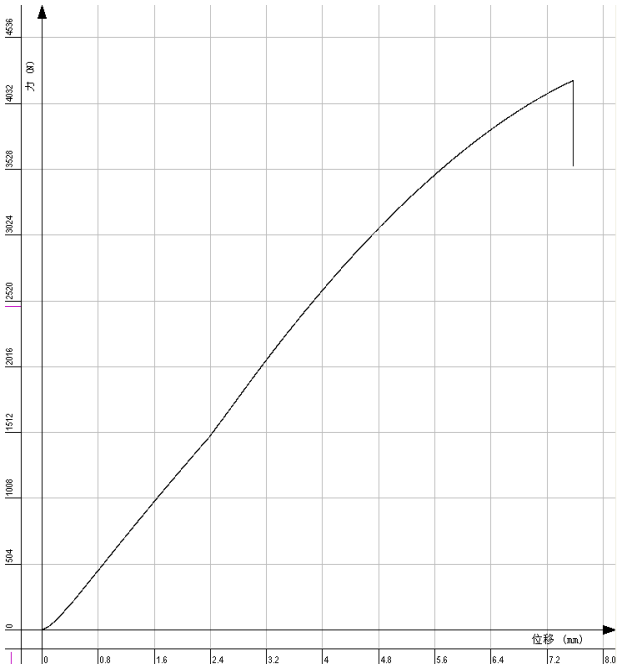
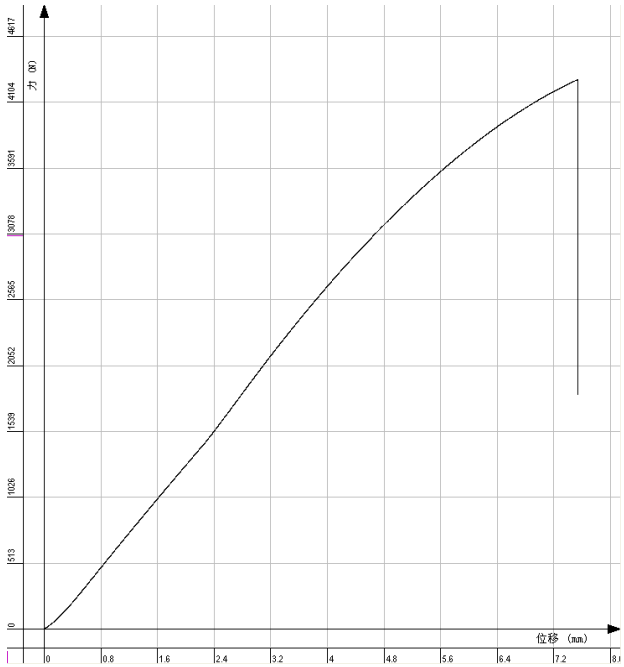
Test Items, Method and Results:

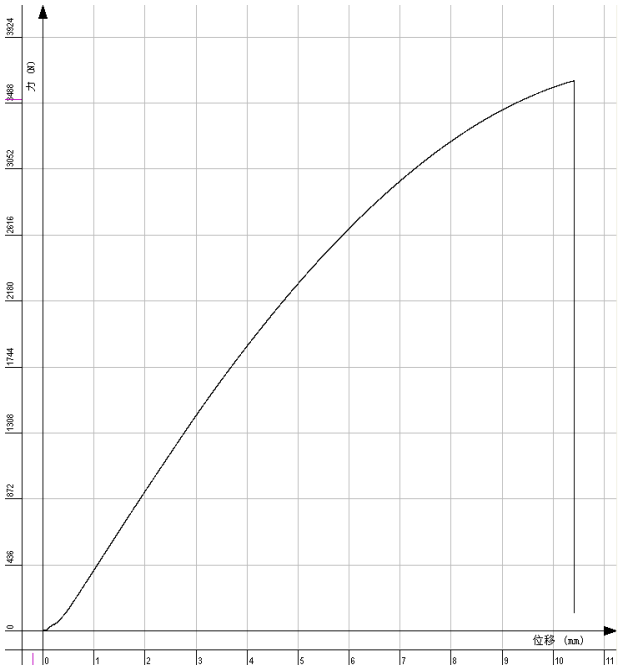
Test Curves:



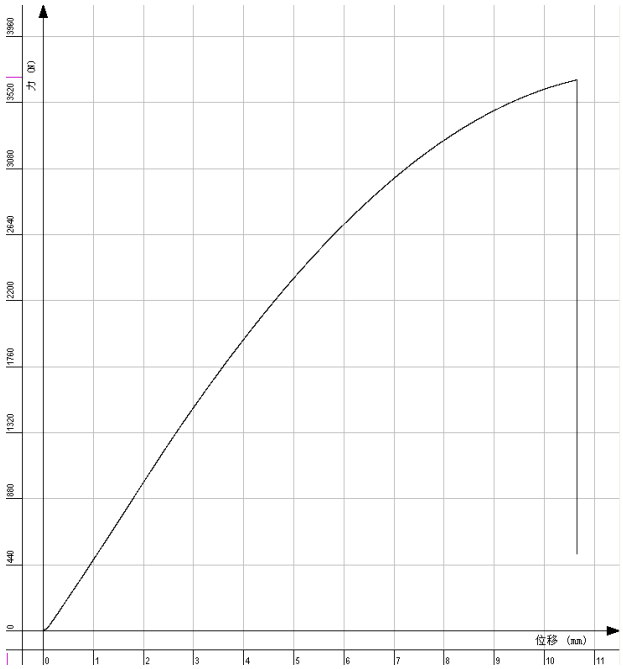
Span at 350mm - Specimen 2



Span at 350mm - Specimen 3



Span at 400mm - Specimen 1



Span at 400mm - Specimen 2

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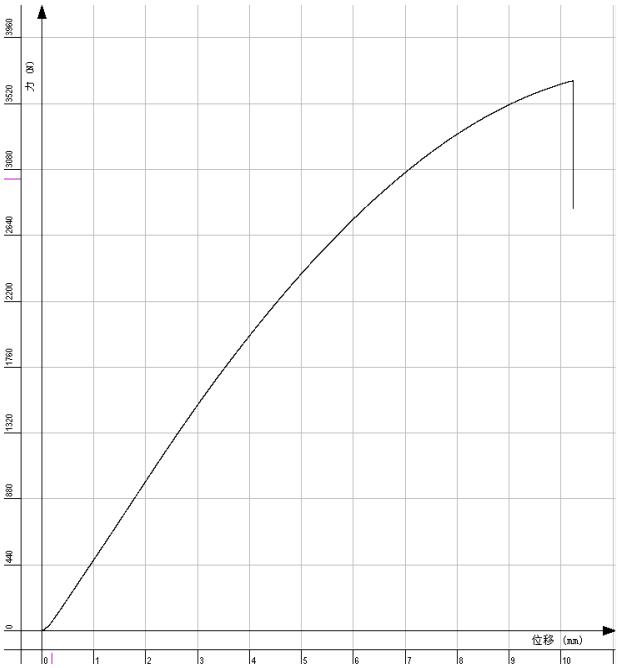
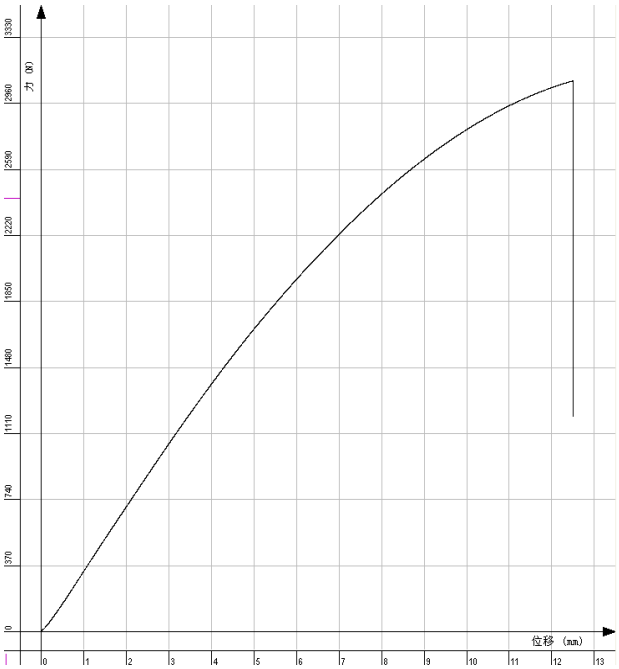
Test Items, Method and Results:

Test Curves:

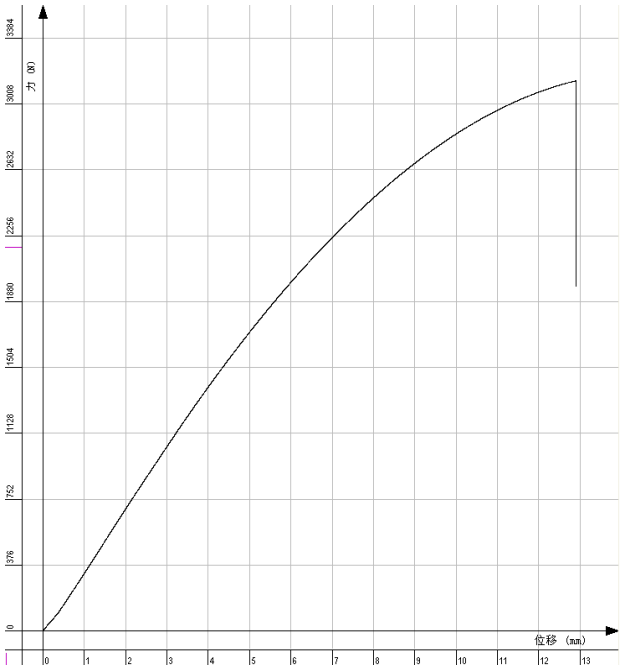


Span at 400mm - Specimen 3

Span at 450mm - Specimen 1



Span at 450mm - Specimen 2



Span at 450mm - Specimen 3

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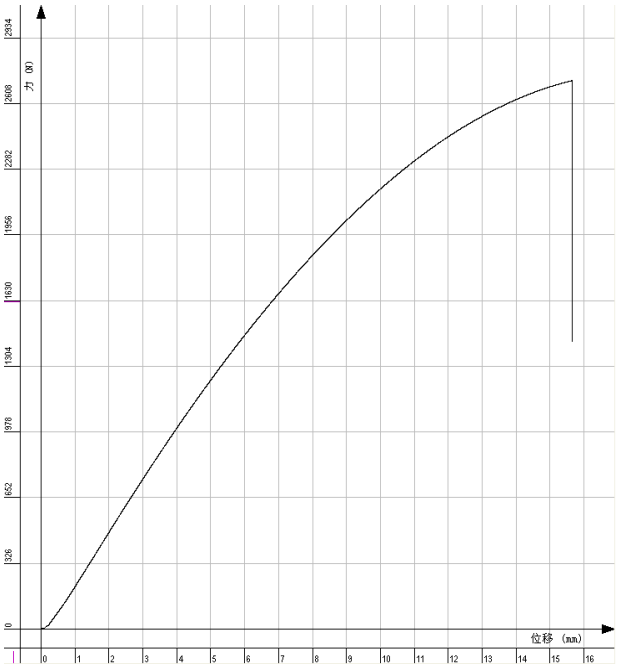
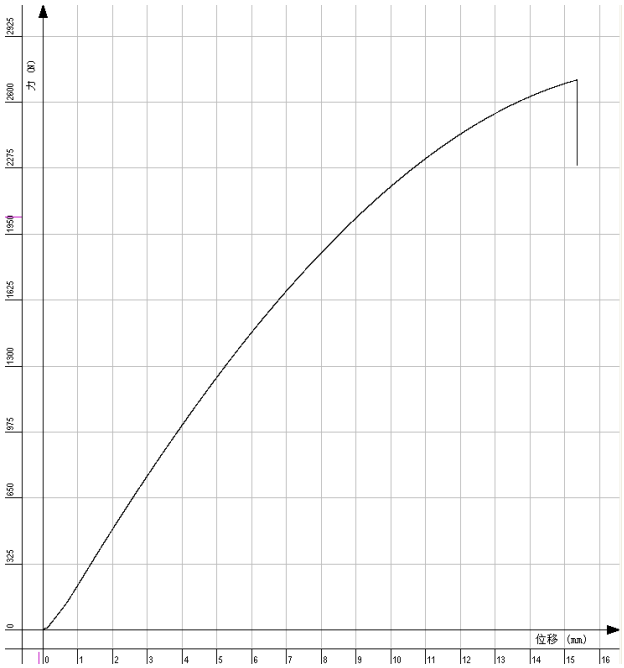
Test Items, Method and Results:

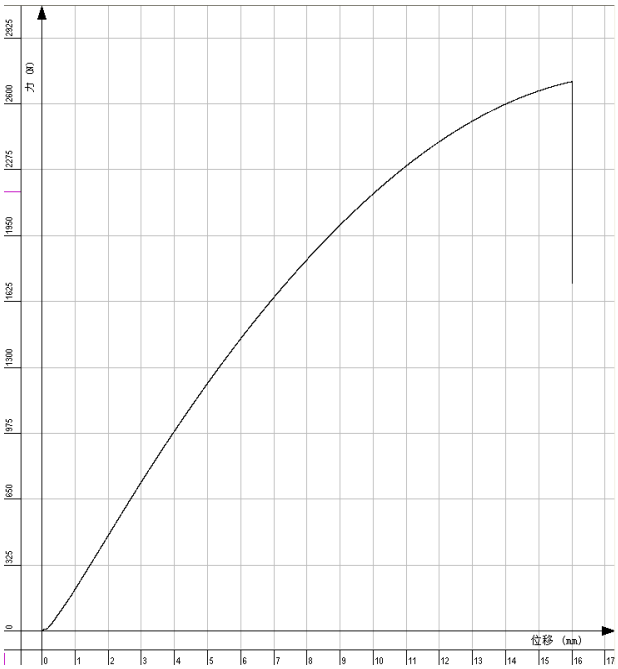
Test Curves:



Span at 500mm - Specimen 1



Span at 500mm - Specimen 2



Span at 500mm - Specimen 3

Test Report

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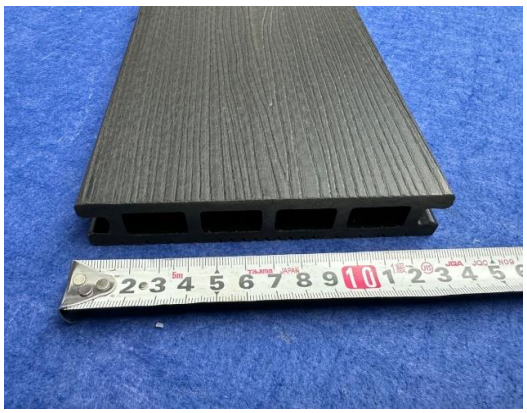
Appendix A: Sample Received Photo

Front view

Back view



Section view

Revision:

NO.	Date	Changes
230904007SHF-004	2023-09-28	First issue