SAIGE LONGLIFE DECKING LIMITED

TEST REPORT

SCOPE OF WORK
Contemporary Hollow Boards

REPORT NUMBER
230904007SHF-001

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

ISSUE DATE
2023-09-28

PAGES
9

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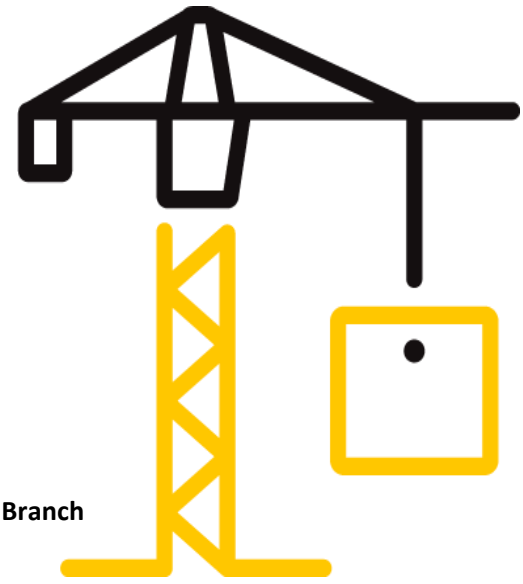

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

Test Report

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch
Plant 5, No. 6958 Daye Road, Fengxian District, Shanghai, China
Tel: +86 21-61136116 Fax: 021-61189921
Website: www.intertek.com

Test Report

Issue Date: 2023-09-28 Intertek Report No. 230904007SHF-001

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	Contemporary Hollow Boards	**Brand**	/
Sample Description	Good Condition	**Sample Amount**	20 pcs
		Received Date	2023-08-31

Sample ID	**Model**	**Specification**
S230904007SHF.001~004	143*23	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-001

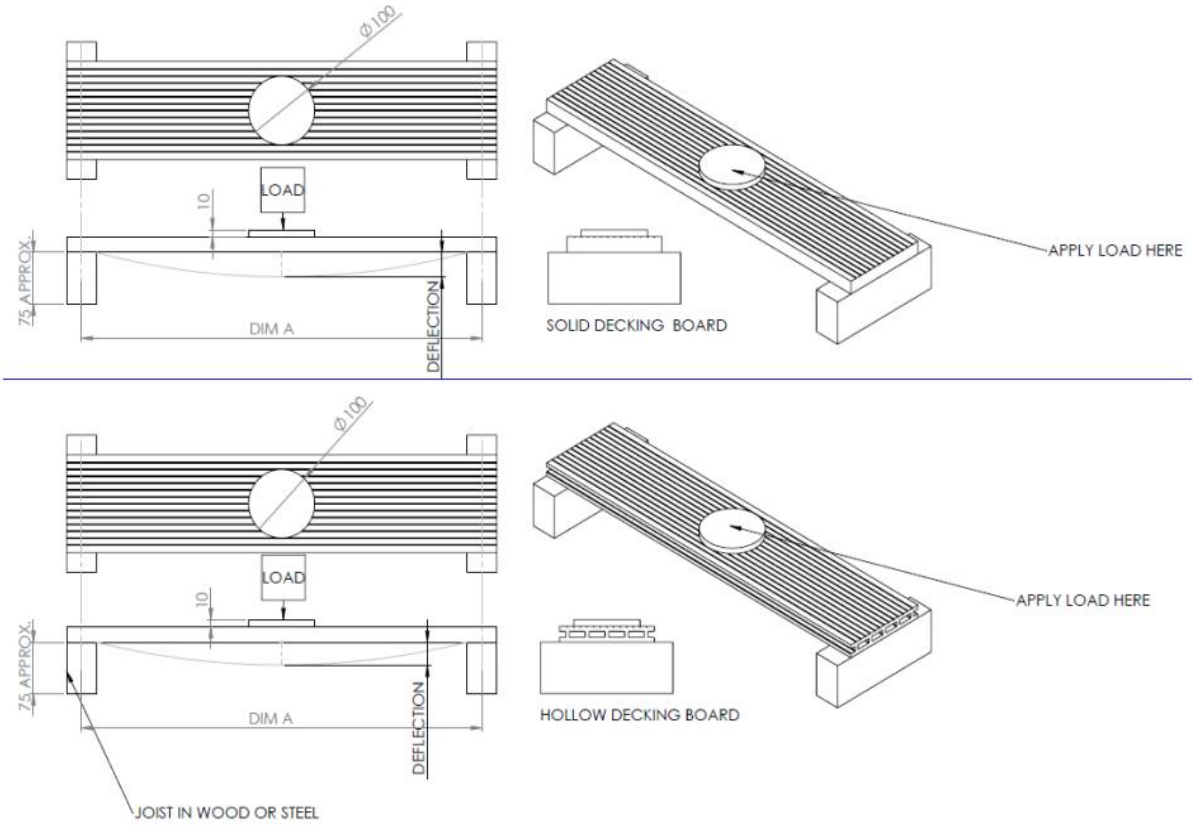
Test Items, Method and Results:

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:



intertek
Total Quality. Assured.

Test Report

Issue Date: 2023-09-28 Intertek Report No. 230904007SHF-001

Test Items, Method and Results:

Test Result:

Deflection		Load at test span of, N			
		350mm	400mm	450mm	500mm
1mm	Specimen 1	681	545	421	269
	Specimen 2	685	511	395	272
	Specimen 3	638	533	371	261
2mm	Specimen 1	1424	1153	852	586
	Specimen 2	1448	1121	819	583
	Specimen 3	1375	1155	789	572
3mm	Specimen 1	2324	1743	1257	888
	Specimen 2	2372	1696	1226	880
	Specimen 3	2254	1740	1194	871
4mm	Specimen 1	3164	2292	1641	1173
	Specimen 2	3213	2229	1604	1159
	Specimen 3	3084	2276	1578	1152
5mm	Specimen 1	3876	2783	1996	1439
	Specimen 2	3924	2707	1951	1420
	Specimen 3	3793	2757	1929	1414
6mm	Specimen 1	4453	3213	2315	1685
	Specimen 2	4499	3121	2266	1662
	Specimen 3	4371	3169	2246	1656
7mm	Specimen 1	/	3577	2599	1958
	Specimen 2	/	3466	2546	1883
	Specimen 3	/	3509	2529	1879
8mm	Specimen 1	/	3872	2843	2113
	Specimen 2	/	3735	2789	2084
	Specimen 3	/	3768	2778	2083
9mm	Specimen 1	/	4095	3047	2297
	Specimen 2	/	/	2992	2266
	Specimen 3	/	/	2986	2266
10mm	Specimen 1	/	/	3206	2458
	Specimen 2	/	/	3151	2427
	Specimen 3	/	/	3151	2427

Load and deflection at failure								
No.	mm	N	mm	N	mm	N	mm	N
Specimen 1	6.81	4812	9.18	4125	10.79	3296	13.23	2805
Specimen 2	6.89	4878	8.62	3856	10.59	3222	13.60	2827
Specimen 3	7.14	4847	8.76	3904	10.88	3258	13.61	2802

Test Report

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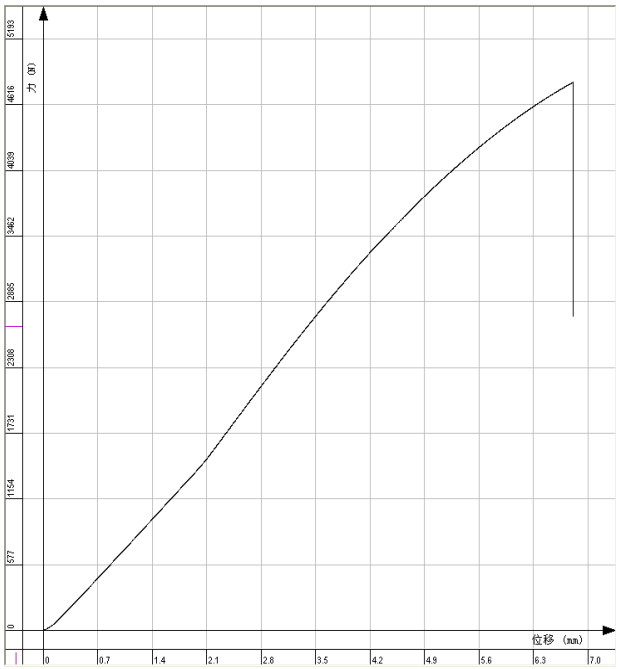
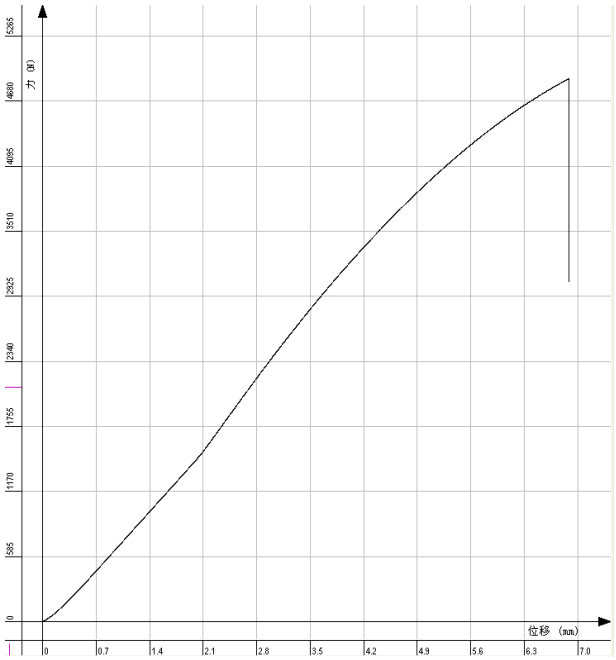
Test Items, Method and Results:

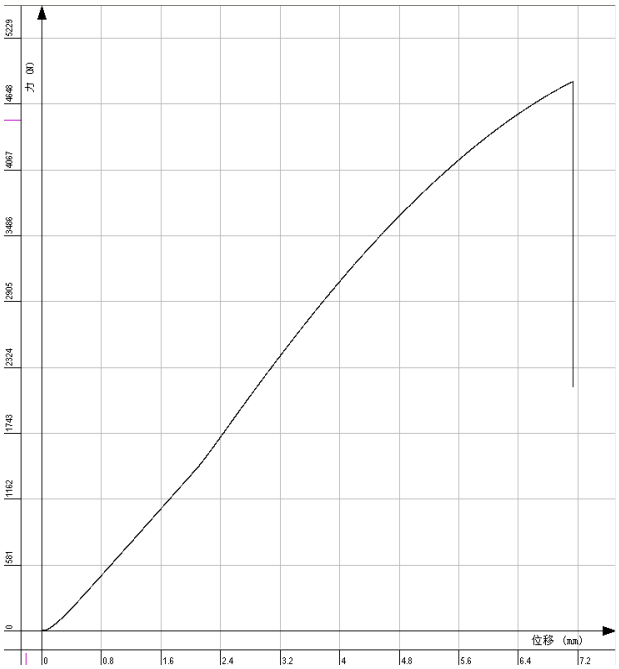
Test Curves:



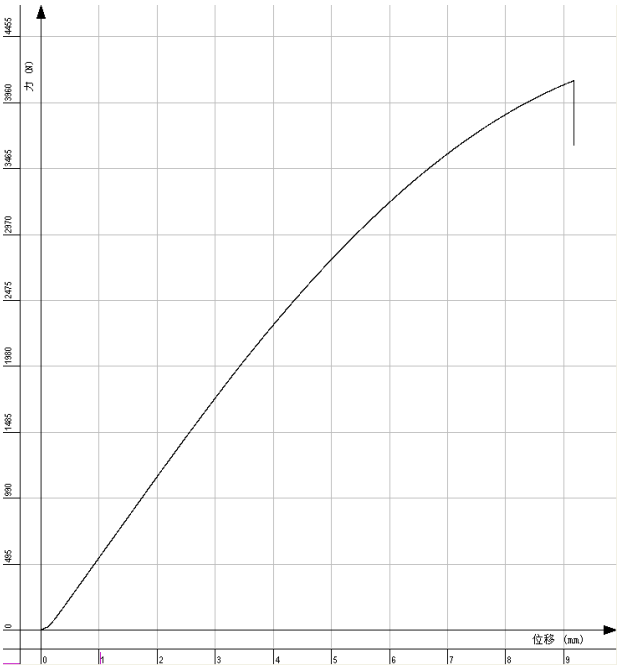
Span at 350mm - Specimen 1



Span at 350mm - Specimen 2



Span at 350mm - Specimen 3



Span at 400mm - Specimen 1

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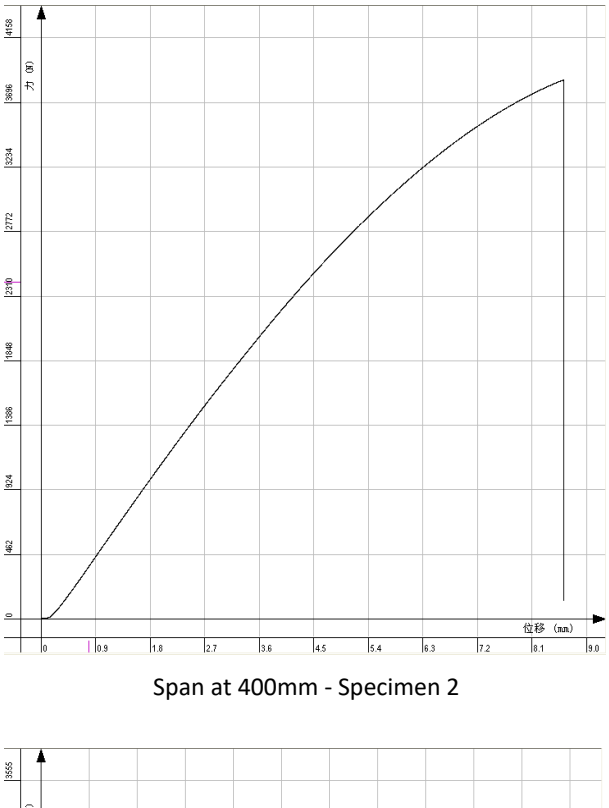
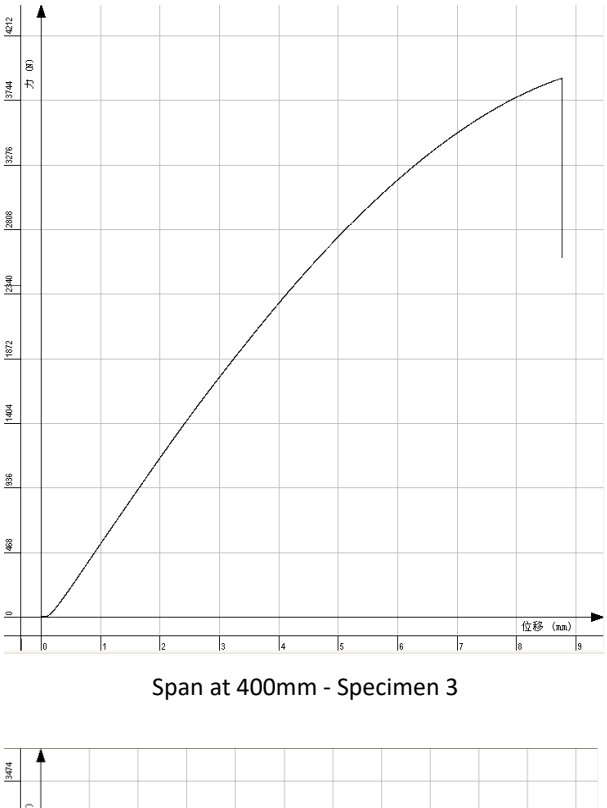
Test Items, Method and Results:

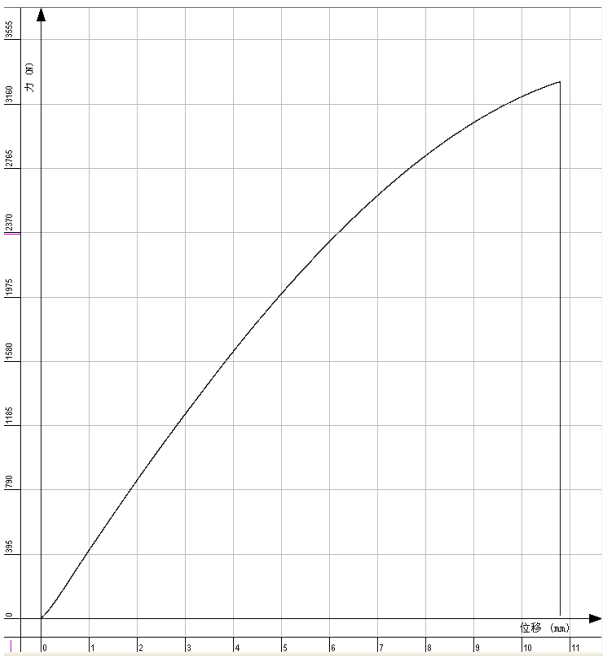
Test Curves:



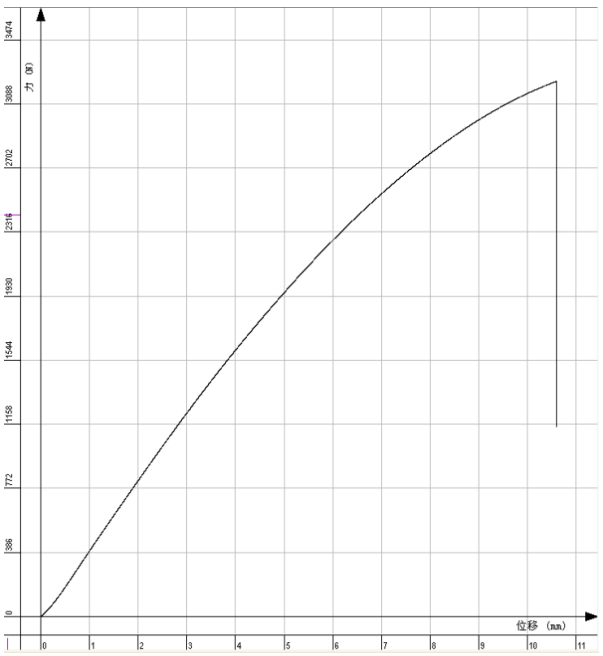
Span at 400mm - Specimen 2



Span at 400mm - Specimen 3



Span at 450mm - Specimen 1



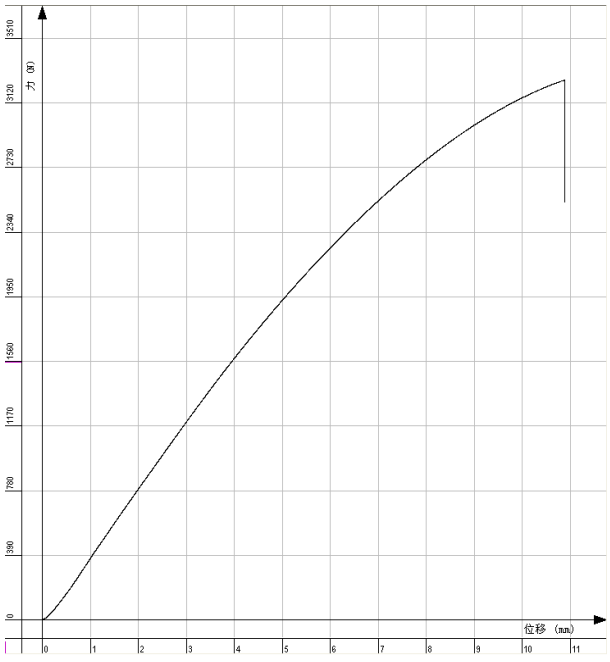
Span at 450mm - Specimen 2

Test Report

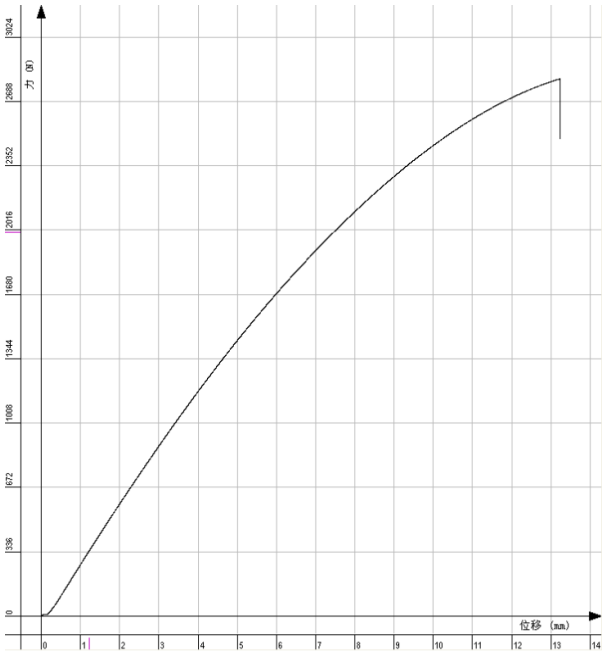
Issue Date: 2023-09-28 Intertek Report No. 230904007SHF-001

Test Items, Method and Results:

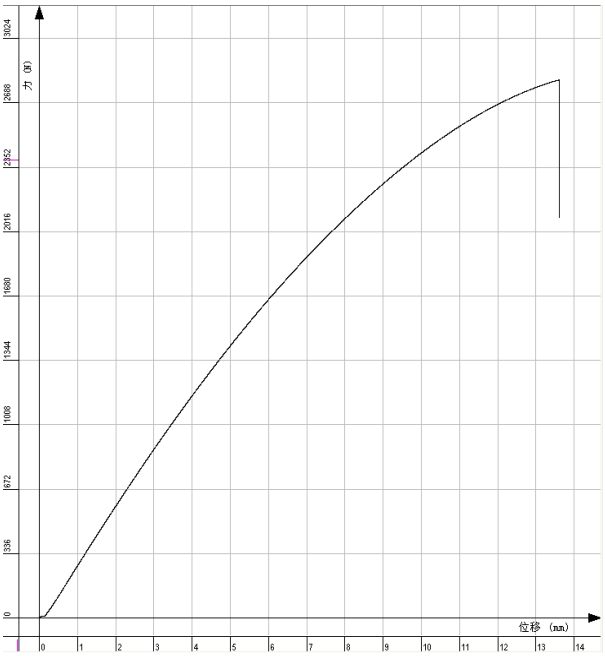
Test Curves:



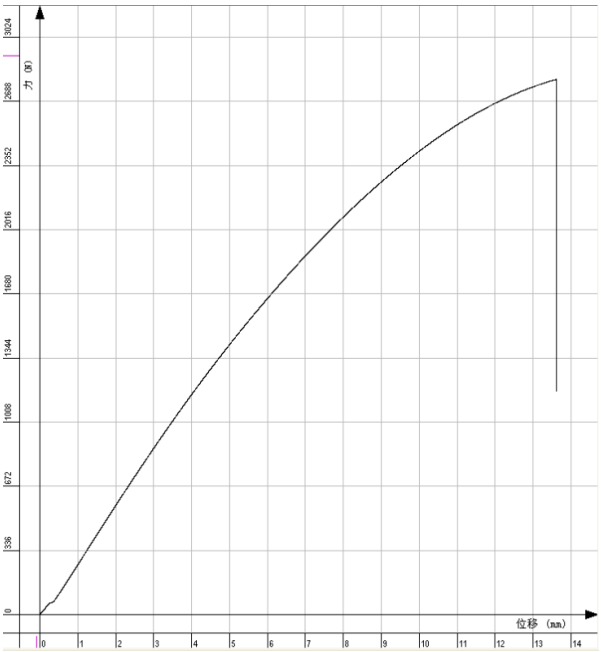
Span at 450mm - Specimen 3



Span at 500mm - Specimen 1



Span at 500mm - Specimen 2



Span at 500mm - Specimen 3

Test Report

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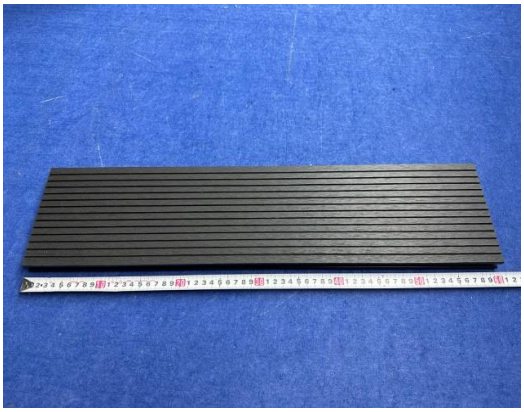
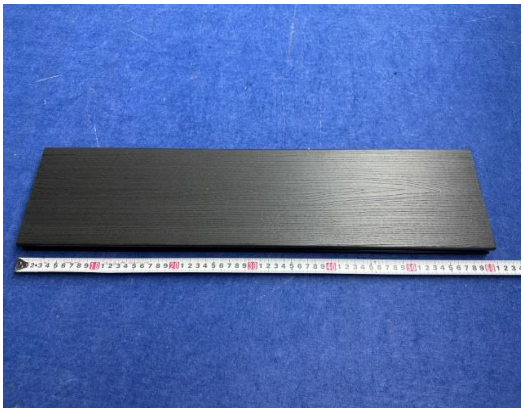
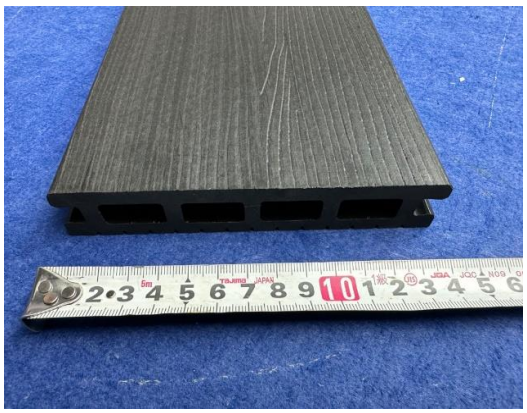
Appendix A: Sample Received Photo



Front view



Back view



Section view

Revision:

NO.	Date	Changes
230904007SHF-001	2023-09-28	First issue