SAIGE LONGLIFE DECKING LIMITED

TEST REPORT

SCOPE OF WORK
Contemporary Solid Boards

REPORT NUMBER
230904007SHF-002

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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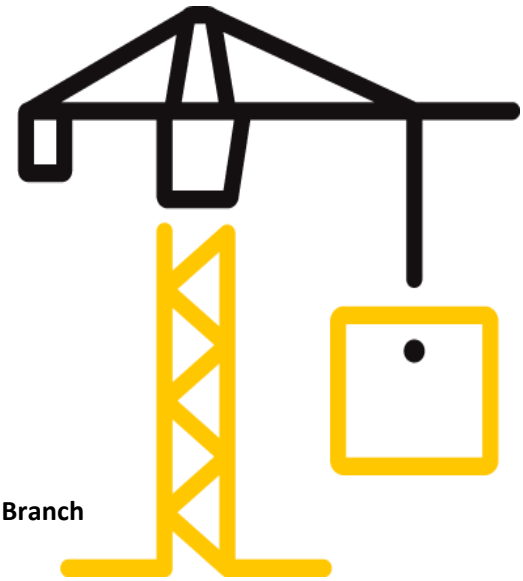

Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch

Test Report

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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-002

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

Sample ID	**Model**	**Specification**
S230904007SHF.005~008	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

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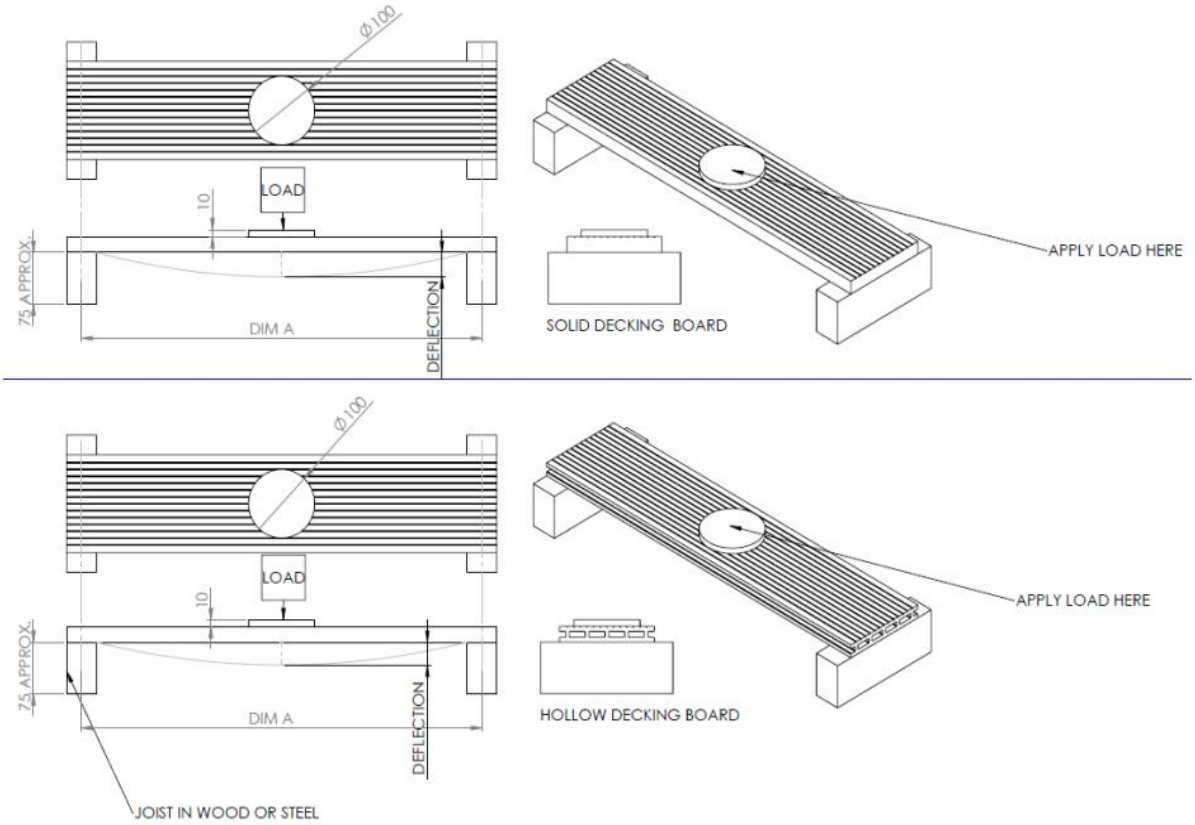
Test Items, Method and Results:

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			
		350mm	400mm	450mm	500mm
1mm	Specimen 1	711	486	347	258
	Specimen 2	698	435	342	267
	Specimen 3	676	460	352	266
2mm	Specimen 1	1472	981	713	523
	Specimen 2	1540	921	703	537
	Specimen 3	1476	957	713	538
3mm	Specimen 1	2378	1471	1065	780
	Specimen 2	2420	1394	1053	799
	Specimen 3	2330	1464	1066	800
4mm	Specimen 1	3177	2011	1397	1036
	Specimen 2	3196	1915	1396	1047
	Specimen 3	3097	1998	1403	1051
5mm	Specimen 1	3870	2495	1743	1305
	Specimen 2	3872	2405	1727	1281
	Specimen 3	3872	2479	1756	1288
6mm	Specimen 1	4455	2927	2062	1553
	Specimen 2	4454	2843	2060	1500
	Specimen 3	4371	2911	2080	1517
7mm	Specimen 1	4949	3314	2353	1784
	Specimen 2	4949	3239	2367	1721
	Specimen 3	4875	3298	2377	1749
8mm	Specimen 1	5357	3655	2618	1997
	Specimen 2	5356	3592	2644	1930
	Specimen 3	5299	3642	2646	1963
9mm	Specimen 1	5692	3956	2860	2194
	Specimen 2	5690	3902	2896	2122
	Specimen 3	5648	3943	2889	2158
10mm	Specimen 1	5965	4218	3080	2376
	Specimen 2	5962	4173	3122	2300
	Specimen 3	5953	4208	3107	2340

Load and deflection at failure								
No.	mm	N	mm	N	mm	N	mm	N
Specimen 1	11.11	6199	16.63	5272	20.01	4392	23.84	3772
Specimen 2	11.85	6316	14.28	4992	17.84	4227	23.58	3688
Specimen 3	11.16	6189	15.74	5187	18.44	4238	24.61	3770

Test Report

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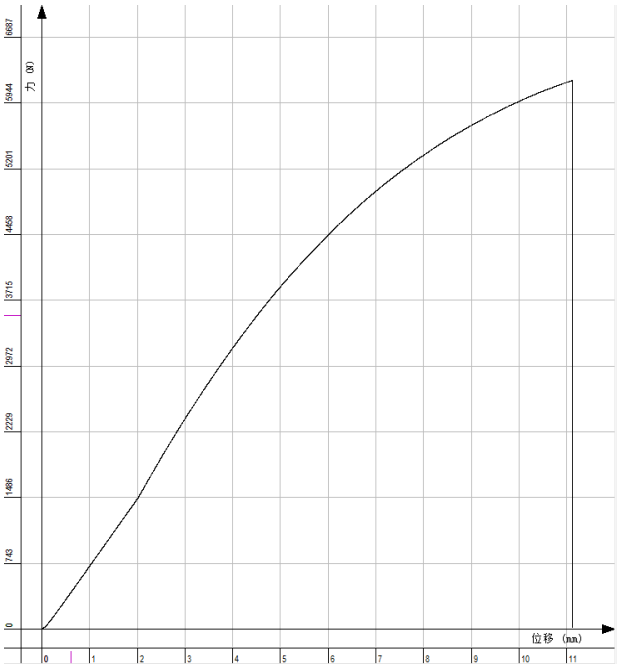
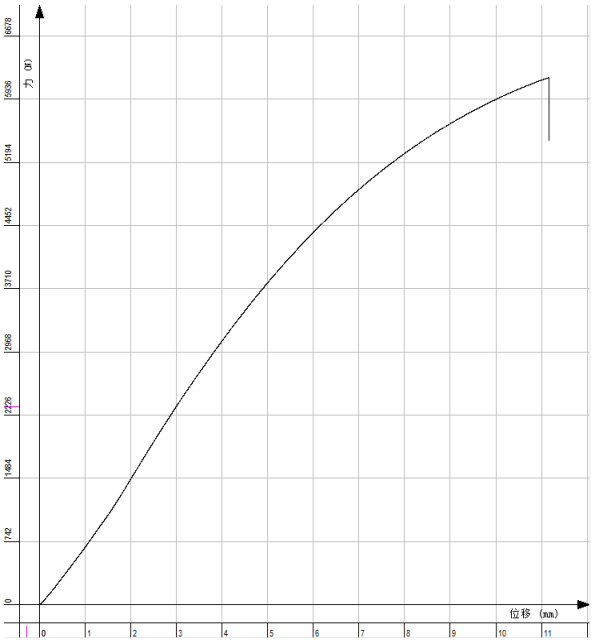
Test Items, Method and Results:

Test Curves:

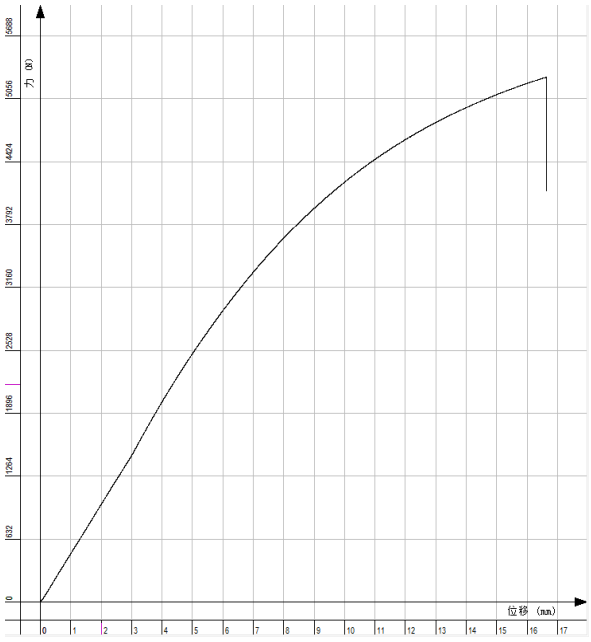


Span at 350mm - Specimen 1

Span at 350mm - Specimen 2



Span at 350mm - Specimen 3



Span at 400mm - Specimen 1

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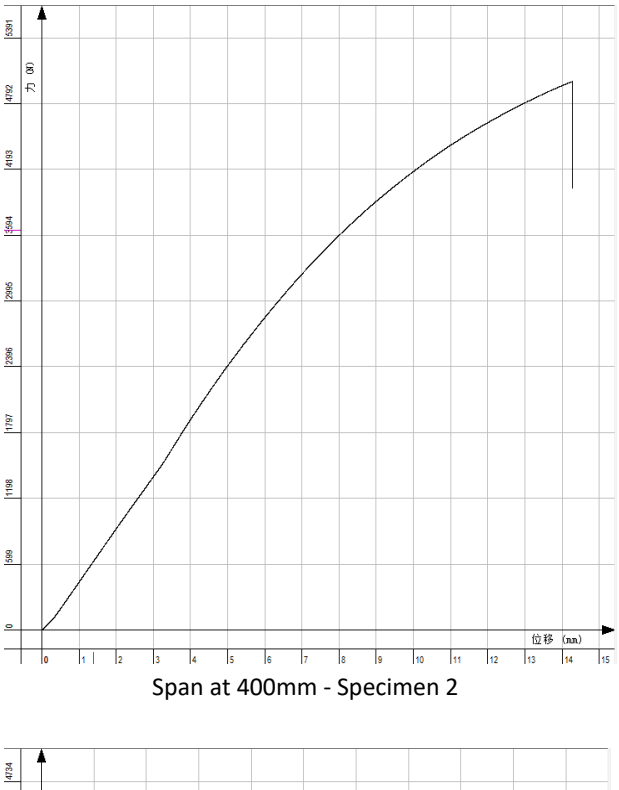
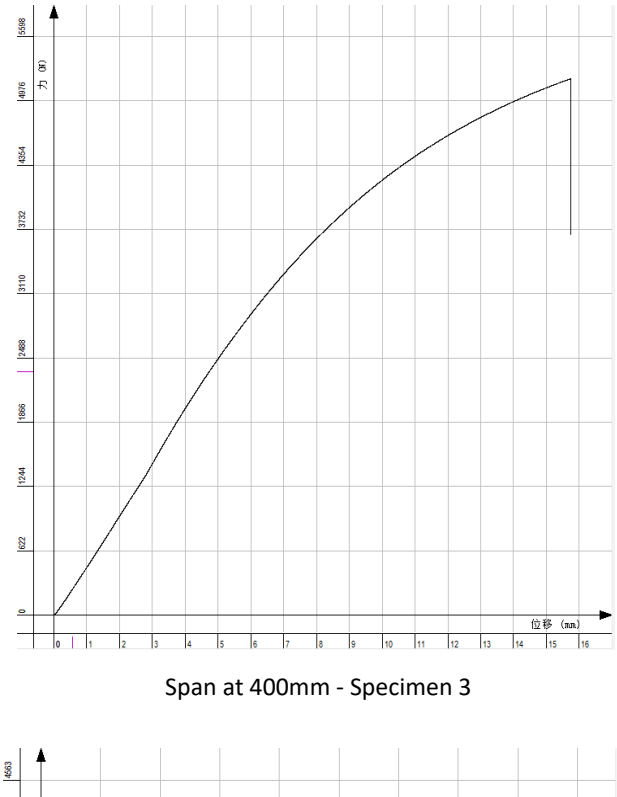
Test Items, Method and Results:

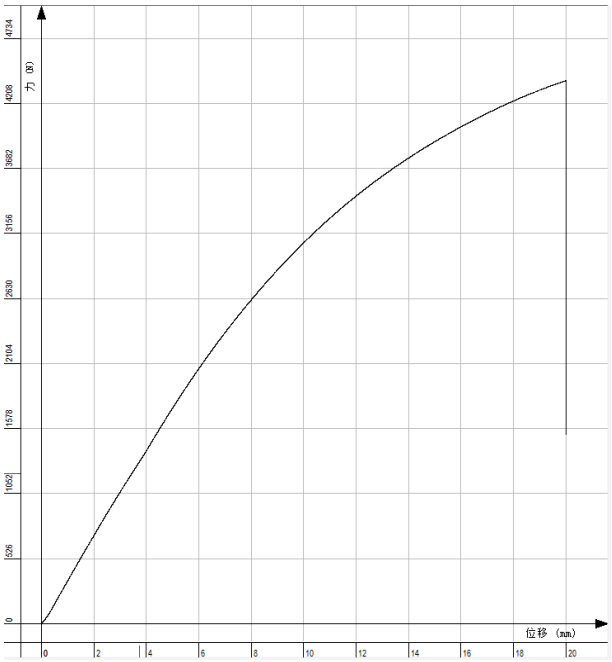
Test Curves:



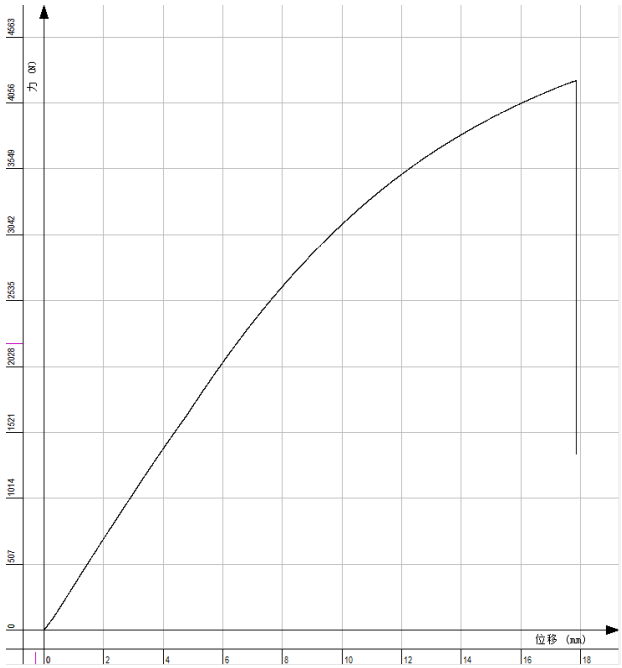
Span at 400mm - Specimen 2



Span at 400mm - Specimen 3



Span at 450mm - Specimen 1



Span at 450mm - Specimen 2

Test Report

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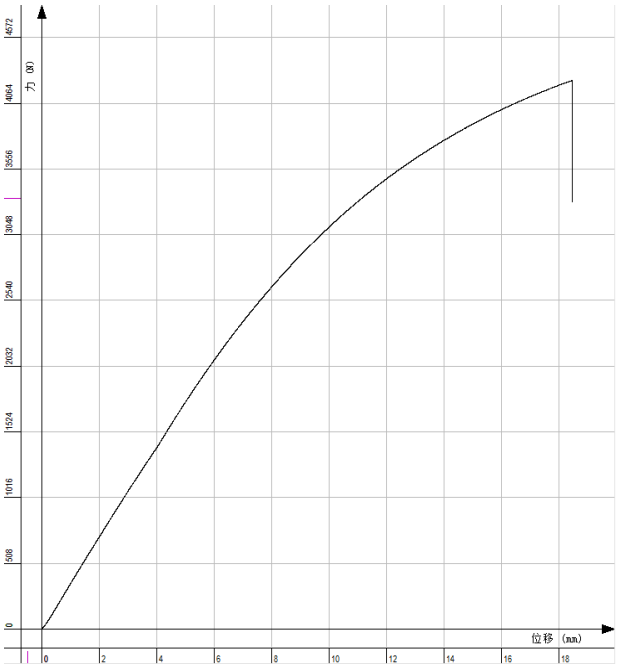
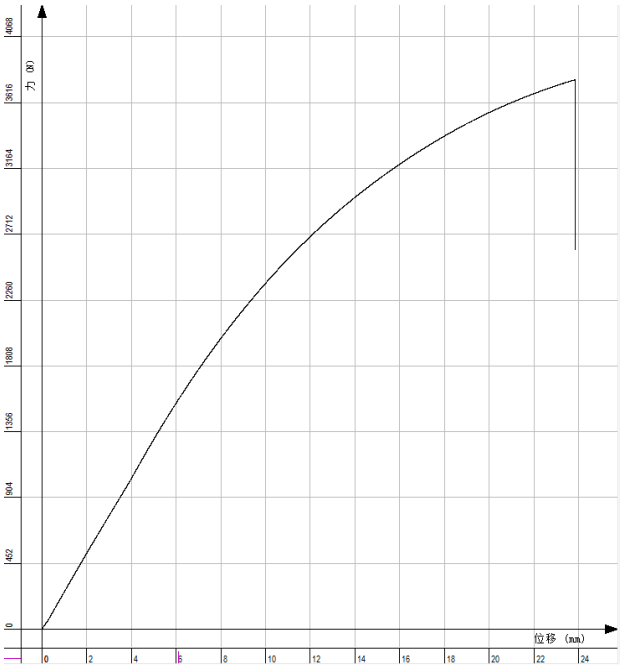
Test Items, Method and Results:

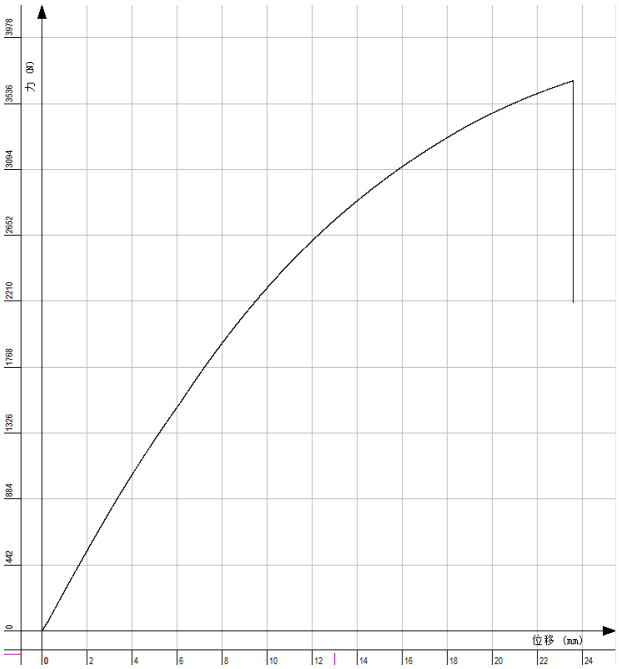
Test Curves:



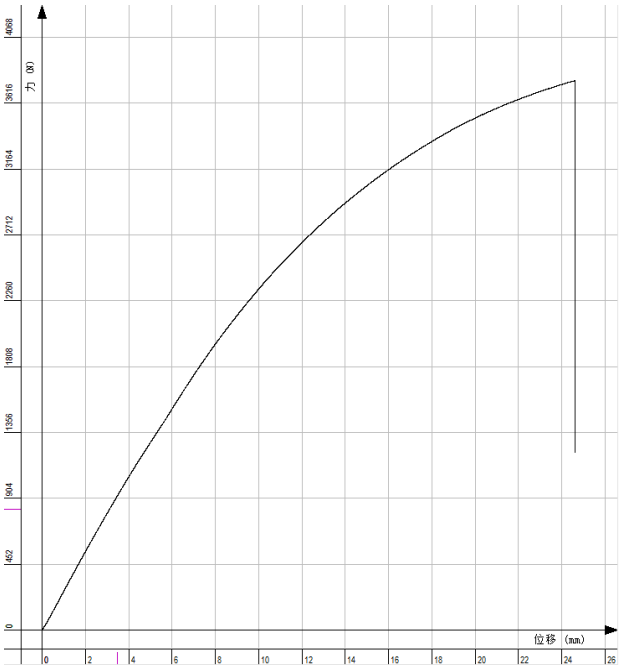
Span at 450mm - Specimen 3



Span at 500mm - Specimen 1



Span at 500mm - Specimen 2



Span at 500mm - Specimen 3

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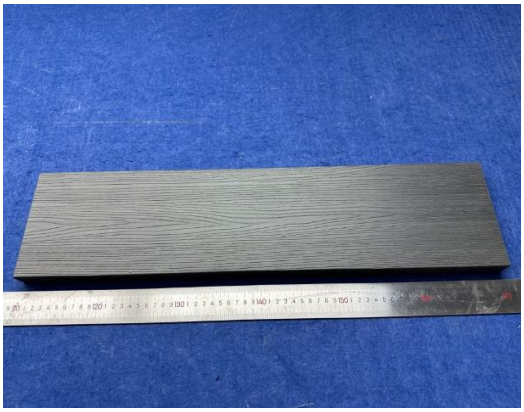
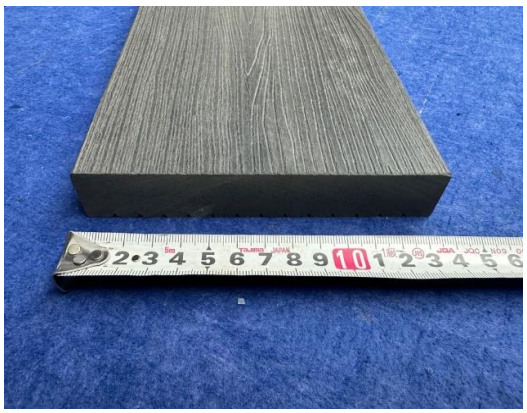
Appendix A: Sample Received Photo

Front view



Back view



Section view

Revision:

NO.	Date	Changes
230904007SHF-002	2023-09-28	First issue