

Huangshan Huasu New Material Science & Technology Co., Ltd

TEST REPORT

SCOPE OF WORK

Co-Extrusion Composite Decking

REPORT NUMBER

210322001SHF-001

TEST DATE(S)

2021-03-22 - 2021-03-30

ISSUE DATE

2021-03-30

PAGES

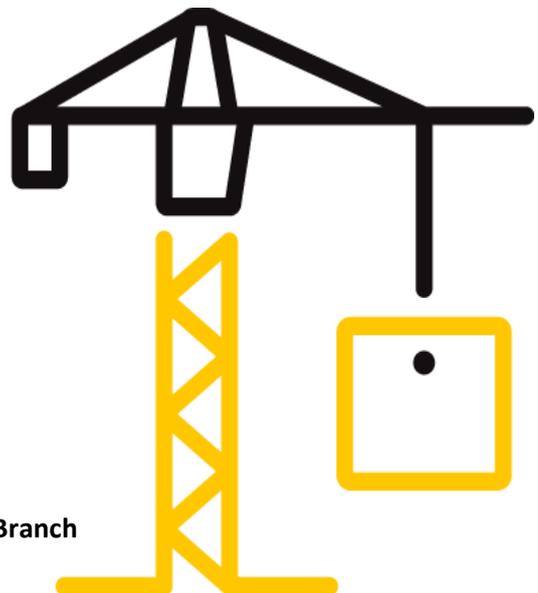
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DOCUMENT CONTROL NUMBER

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Test Report

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Test Report

Issue Date: 2021-03-30 Intertek Report No. 210322001SHF-001
Applicant: Huangshan Huasu New Material Science & Technology Co., Ltd
Address: Chengbei Industrial Zone, Huizhou District, Huangshan City, Anhui province
Attn: Feifei Zhang
Manufacturer : Huangshan Huasu New Material Science & Technology Co., Ltd
Address : Chengbei Industrial Zone, Huizhou District, Huangshan City, Anhui province
Test Type : Performance test, samples provided by the applicant.

Product Information

Product Name	Co-Extrusion Composite Decking	Brand	/
Sample Description	Good Condition	Sample Amount	16pcs
		Received Date	2021-03-17
Sample ID	Model	Specification	
S210322001SHF.001-002	138S23-K	138×23mm	

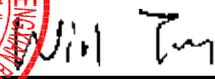
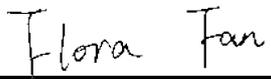
Test Methods And Standards

Test Standard	EN 438-2:2016+A1:2018 section 25, ASTM D4060-19
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 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

		
		
Name: Daniel Zhang	Name: Will Tan	Name: Flora Fan
Title: Approver	Title: Reviewer	Title: Project Engineer

Test Report

Issue Date: 2021-03-30

Intertek Report No. 210322001SHF-001

Test Items, Method and Results:

Test Item: Resistance to scratching

Test Method: EN 438-2:2016+A1:2018 section 25

Conditioning: Condition the test specimens at (23±2)°C and (50±5)% relative humidity for at least 72h

Test Result:

Rating scale: Rating 1

Scratch resistance rating scale

Rating scale	Discontinuous scratches, or faint superficial marks, or no visible marks	≥ 90 % continuous double circle of scratch marks clearly visible
Rating 5	6 N	> 6 N
Rating 4	4 N	6 N
Rating 3	2 N	4 N
Rating 2	1 N	2 N
Rating 1	-	1 N

Test Report

Issue Date: 2021-03-30

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Test Items, Method and Results:

Test Item: Abrasion/Wear resistance

Test Method: ASTM D4060-19

Conditioning: Condition the test specimens at (23±2)°C and (50±5)% relative humidity for at least 24h

Test Condition:

Rotation frequency: 60 r/min

Abrasive wheels: CS-17

Load on each wheel: 1000 g

Test revolutions: 1000 r

Test Result:

Parameter	Specimen 1	Specimen 2	Specimen 3
Mass/Weight loss, (mg)	41.7	37.0	43.1
Average value, (mg)	40.6		

Note:

1. Abbreviation "r" = revolutions/cycles
2. Test conditions were specified by client.



Test Report

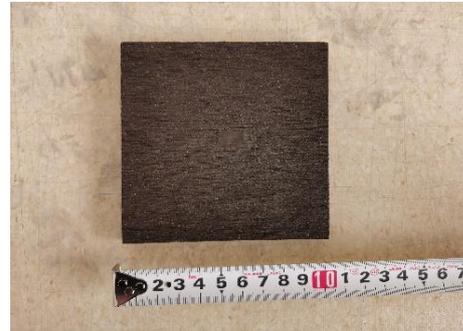
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Appendix A: Sample Received Photo



Front view (Test face)



Back view



Section view

Revision:

NO.	Date	Changes	Author	Reviewer
210322001SHF-001	2021-03-30	First issue	Flora Fan	Will Tan

