



**Test Report**

**No.SDHL2008023947HI-01**

**Date: Sep 18, 2020**

**Page 1 of 8**

HUNAN TAOHUAJIANG BAMBOO SCIENCE&TECHNOLOGY CO., LTD  
DEVELOPMENT ZONES, TAOJIANG COUNTY, YIYANG CITY, HUNAN PROVINCE, CHINA

Sample Description : STRAND WOVEN BAMBOO  
Manufacturer : HUNAN TAOHUAJIANG BAMBOO SCIENCE&TECHNOLOGY CO., LTD  
Country of Origin : CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

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SGS Ref No. : SDFS2008005272FF & XMIN2008008109CM  
Sample Receiving Date : Aug 25, 2020  
Test Performing Date : Aug 26, 2020 to Sep 13, 2020  
Test Performed : Selected test(s) as requested by applicant  
Test Result(s) : For further details, please refer to the following page(s)

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch

Kitty Kang  
Authorized Signatory

scan to see the report



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**Test Result Summary**

No.	Test item	Test(s) Requested(Method)	Result(s)	Comments
Part 1	1	Swelling in thickness	EN 317:1993	Refer to next page(s) /
	2	Specific Gravity	ASTM D2395-07 Method A	Refer to next page(s) /
	3	Flexural properties	EN ISO 178-2019	Refer to next page(s) /
	4	Light Ageing Test-UV Exposure	ISO 4892-3:2016 Cycle 1 & ISO 105-A02:1993/Cor.2:2005	Refer to next page(s) /
Part 2	1	Slip resistance	CEN/TS 15676: 2007	Refer to next page(s) /

For further details, please refer to the following page(s)



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**Test Information:**

**Part 1:**

Sample description: See photos

1. Test item: Swelling in thickness

Test method: EN 317:1993

Test condition:

Sample size: 50mm × 50mm

Immerse the sample in water with condition of PH=7 ± 1, (20 ± 1) °C for 24h

Test environment: 20.7 °C, 62%RH

Test result:

24h Swelling in thickness (%)	Conclusion
0.9	/

2. Test item: Specific Gravity

Test method: ASTM D2395-07 Method A

Test condition:

Sample size: 100mm × 100mm

The sample is dried at (103 ± 2) °C.

Test environment: 20.7 °C, 62%RH

Test result:

Specific Gravity	Conclusion
1.14	/



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3. Test item: Flexural properties

Test method: EN ISO 178-2019

Test condition:

Span: 192mm

Test speed: 5mm/min

Sample size: 262mm × 20mm × 12mm

Test environment: 20.7 °C, 62%RH

Test result:

Flexural stress (MPa)	Flexural modulus (MPa)	Conclusion
148.7	14060	/

Photo Appendix:



4. Test Item: Light Ageing Test-UV Exposure

Test Method: ISO 4892-3:2016 Cycle1 & ISO 105-A02:1993/Cor.2:2005

Test Condition:

Exposure cycle:

ISO 4892-3:2016 Cycle 1

Lamp type: UVA-340

8h UV at (60±3)°C BPT, 0.76W/(m²•nm)@340nm

4h condensation at (50±3)°C BPT

Exposure duration: 300h

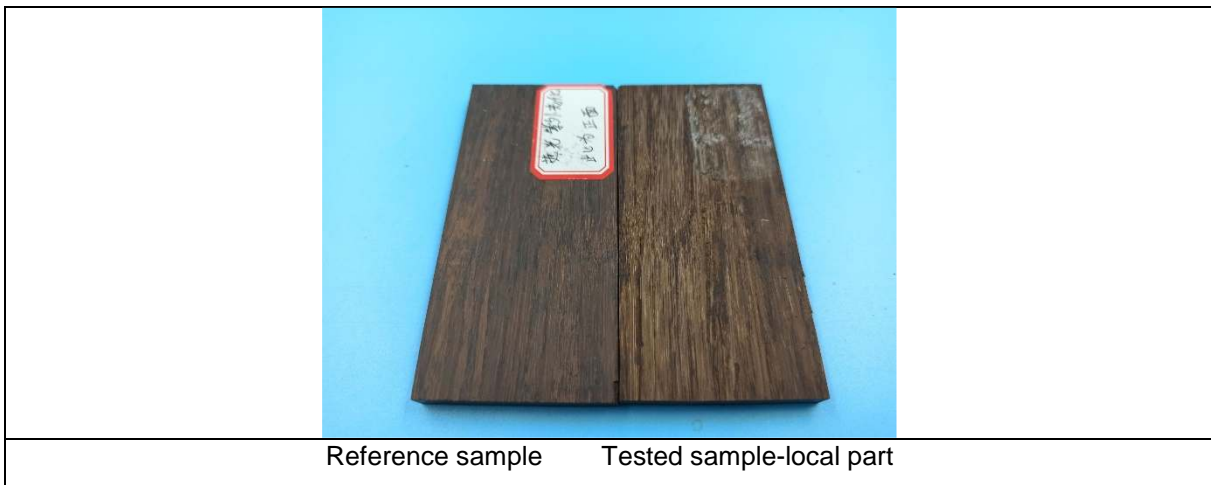
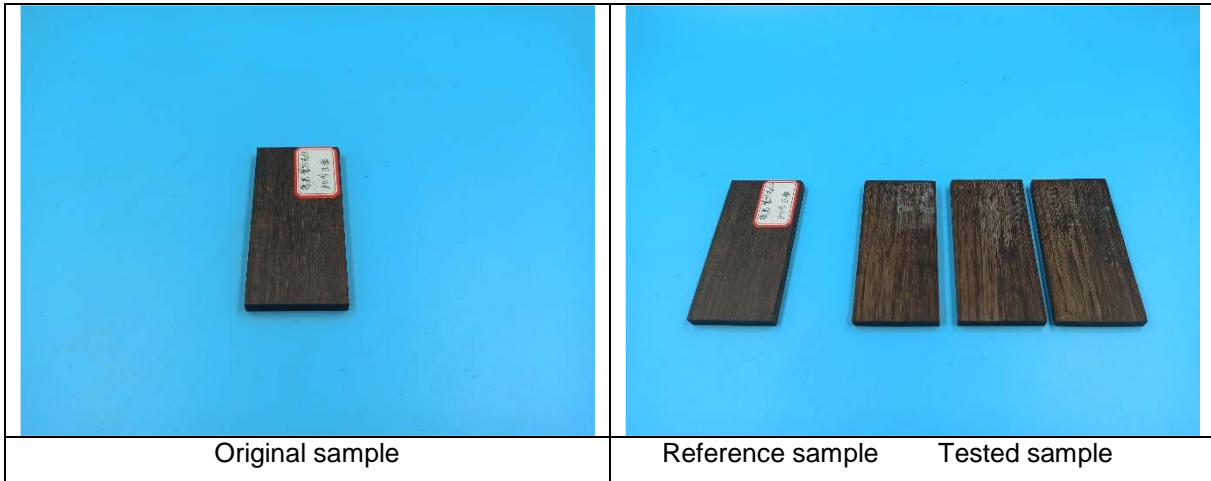
Test Result:

Sample	Grey scale
A	3-4

Note: According to ISO 105-A02:1993/Cor.2:2005, the grey scale was determined under the D65 standard light, with scale 5 as the best and scale 1 as the worst.



**Photo Appendix:**

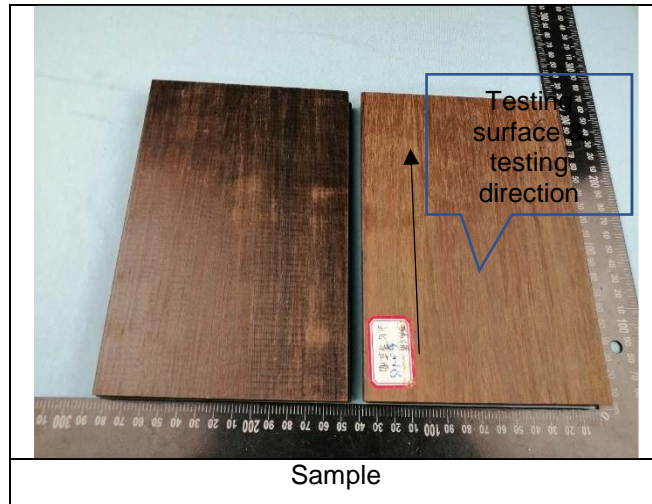


Part 2: (SGS Ref. No.: XMIN2008008109CM)

Summary of Results:

No.	Test Item	Test Method	Result
1	Slip resistance	CEN/TS 15676: 2007	SRV "dry" =74

Original Sample Photo:



Sample



Slip resistance

**Test Method:**

CEN/TS 15676:2007 wood flooring-slip resistant- pendulum test

Specimens: 200mm×140mm, 10pcs

Rubber slider: Slider 57

Testing surface: see photo

Testing direction: see photo

**Test Result:**

Specimens identification No.	1	2	3	4	5	6	7	8	9	10
Mean pendulum value (Dry condition)	74	70	73	74	74	74	76	76	75	74
Slip resistance value (SRV "dry")	74									

**Remark:**

- 1.This test was subcontracted to SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch Testing Center.
- 2.This test report is to supersede No. SDHL2008023947HI test report which was issued on Sep 14, 2020. And the original test reports (paper and electronic) are invalid.

\*\*\*End of Report\*\*\*

