

# FLOORCO TRADING LTD.

# TEST REPORT

**SCOPE OF WORK**

FLOORCO Venner SPC flooring

**REPORT NUMBER**

230907003SHF-001

**TEST DATE(S)**

2023-09-07 - 2023-10-08

**ISSUE DATE**

2023-10-17

**PAGES**

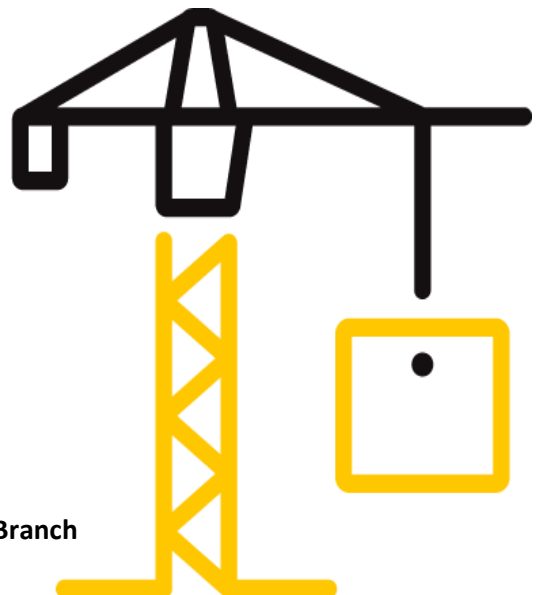
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**DOCUMENT CONTROL NUMBER**

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Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch



## Test Report

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# Test Report

Issue Date: 2023-10-17

Intertek Report No. 230907003SHF-001

### Test Items, Method and Results:

Test Item: Size

Test Method: ISO 24337:2019

Conditioning: Condition the test specimens at  $(23 \pm 2)^{\circ}\text{C}$  and  $(50 \pm 5)\%$  relative humidity for at least 24h

### Test Result:

Test item	Nominal value (mm)	Tested value (mm)	Tolerance (mm)
Length	1900	1901.2	1.2
Width	190	190.03	0.03

## Test Report

Issue Date: 2023-10-17

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### Test Items, Method and Results:

Test Item: Thickness

Test Method: ASTM F387-17(2022)

Conditioning: Condition the test specimens at  $(23 \pm 2)^{\circ}\text{C}$  and  $(50 \pm 5)\%$  relative humidity for at least 24h

Test Condition:

Foot diameter of thickness gage: 6.35 mm

Mass applied: 28 g

Product with foam back layer: Yes

Test Result:

Nominal value: 8 mm

Average value: 8.24 mm

Tolerance: 0.24 mm

Max. value: 8.26 mm

Min. value: 8.19 mm

## Test Report

Issue Date: 2023-10-17

Intertek Report No. 230907003SHF-001

### Test Items, Method and Results:

Test Item: Venner thickness

Test Method: With reference to ASTM F410-08(2022)

Conditioning: Condition the test specimens at  $(23 \pm 2)^{\circ}\text{C}$  and  $(50 \pm 5)\%$  relative humidity for at least 24h

### Test Result:

Nominal value:	1 mm
Average value:	0.92 mm
Max. value:	0.94 mm
Min. value:	0.91 mm

# Test Report

Issue Date: 2023-10-17

Intertek Report No. 230907003SHF-001

**Test Items, Method and Results:**

Test Item: Squareness, Flatness, Openings, Ledging

Test Method: ASTM F3261-20 section 7.4, 7.5, 7.6, 7.7 and ISO 24337:2019

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

Test Result:

Test Item	Test Result
Squareness	$S_{max} = 0.08 \text{ mm}$
Flatness	Maximum single values: $f_{w, concave} = 0.15 \text{ mm}$ $f_{w, convex} = \text{N/A} \text{ mm}$ Maximum single values: $f_{l, concave} = 0.03 \%$ $f_{l, convex} = \text{N/A} \%$
Openings	$O_{avg} = 0.03 \text{ mm}$ $O_{max} = 0.05 \text{ mm}$
Ledging	$H_{avg} = 0.07 \text{ mm}$ $H_{max} = 0.10 \text{ mm}$

Note:

N/A = Not applicable for this characteristic

# Test Report

Issue Date: 2023-10-17

Intertek Report No. 230907003SHF-001

**Test Items, Method and Results:**

Test Item: Residual indentation

Test Method: ASTM F3261-20 section 8.1 and ASTM F1914-18

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

Test Condition:

Indenter: Steel cylindrical foot  
 Indenter diameter: 6.35 mm  
 Total load applied: 34 kg  
 Indentation time: 15 min  
 Recovery time: 60 min

Test Result:

Residual Indentation	Result (mm)
Specimen 1	0.06
Specimen 2	0.08
Specimen 3	0.07
Average value	0.07
Max. value	0.08

# Test Report

Issue Date: 2023-10-17

Intertek Report No. 230907003SHF-001

**Test Items, Method and Results:**

Test Item: Surface integrity

Test Method: ASTM F3261-20 section 8.2 and ASTM F1914-18

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

Test Condition:

Indenter: Steel cylindrical foot

Indenter diameter: 4.52 mm

Total load applied: 63.5 kg

Indentation time: 10 min

Test Result:

Specimen	Examination of surface integrity
	Puncture through wear layer/décor into rigid core (Yes or No)
1	No
2	No
3	No

Test photo:



Microscope examination after test