

# 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**

33

**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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# Test Report

Issue Date: 2023-10-17

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### Test Items, Method and Results:

Test Item: Laminate flooring –Topical moisture resistance – Assembled Joint

Test Method: ISO 4760:2022

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

Test Condition:

	Duration (h)
Standard for water:	24
Recovery:	24

### Test Results:

		Quantitative Results (mm)				Qualitative rating			
		Specimen				Specimen			
		1	2	3	Average	1	2	3	Average
Initial measurement	Test Position 1 (inverted "T" joint)	0.04	0.09	0.09	/	N/A	N/A	N/A	N/A
	Test Position 2	-0.01	0.00	0.05	/				
	Test Position 3	0.07	-0.01	0.04					
	Test Position 4	0.01	0.02	-0.03					
Wet swell	Test Position 1 (inverted "T" joint)	0.08	0.05	0.06	0.06	1	1	1	1
	Test Position 2	0.03	0.00	0.02	0.04				
	Test Position 3	0.05	0.05	0.04					
	Test Position 4	0.07	0.04	0.04					
Recovery swell	Test Position 1 (inverted "T" joint)	0.02	0.00	0.02	0.01	1	1	1	1
	Test Position 2	0.01	0.00	0.00	0.01				
	Test Position 3	0.02	0.01	0.02					
	Test Position 4	0.03	0.01	0.03					

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### Note:

1. Evaluate the joints for apparent differences, in visual swell and feel (light touch can be helpful in discerning differences) within the circle compared to unexposed portions of the specimen and grade the test assembly per the criteria listed below.

Calculate the average of wet and recovery swell ratings and round to the whole integer.

In case of 2 failed tests, the final qualitative average is set to 5.

### Grade:

1 = No change - Little to no noticeable change in edge swell or panel surface lift

2 = Slight swelling – Slight swelling, small ridge along one or more joints, very little if any panel surface lift.

3 = Moderate – Noticeable edge swelling and some panel surface lift extending away from joint

4 = Objectional – Severely raised edge and swelling extending noticeably under the panel surface.

5 = Failed Test – Water leaked out of the ring, leaving no continuous film of water inside the ring (this grade is given even if there is no swell of the edge joint)

### 2.

Position 1 (inverted "T") wet swell = Position 1 wet swell height – Position 1 initial height

Position 2 wet swell = Position 2 wet swell height – Position 2 initial height

Position 3 wet swell = Position 3 wet swell height – Position 3 initial height

Position 4 wet swell = Position 4 wet swell height – Position 4 initial height

Position 1(inverted "T") Recovery swell = Position 1 Recovered height – Position 1 initial height

Position 2 Recovery swell = Position 2 Recovered height – Position 2 initial height

Position 3 Recovery swell = Position 3 Recovered height – Position 3 initial height

Position 4 Recovery swell = Position 4 Recovered height – Position 4 initial height

If one test fails (due to excess leakage), report data along with notation that report values represents two sets of data. If two specimens fail due to excess leakage, report data for that one remaining set and note that the other two test specimens had excessive leakage through the assembled joint. If all three specimens fail due to excess leakage, no wet swell values or recovered swell values are reported and test is reported as a failure.

3. The test specimens were assembled by applicant.