

TEST REPORT

No. : XMIN2412002501CM13_EN

Date : 2025-01-15

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CUSTOMER NAME: CFL FLOORING (CHINA) CO., LTD.
ADDRESS: NO. 111, CHANGJIANG ROAD, HUIMIN STREET, JIASHAN,
ZHEJIANG, CHINA

Sample Name : Water Resistant Laminate Flooring

Product Specification : 8mm

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : 2024-12-26

Testing Period : 2024-12-26 ~ 2025-01-15

Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co.,Ltd. Xiamen Branch.

Bryan

Bryan Hong
Authorized signatory



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Xiamen Branch Testing Laboratory

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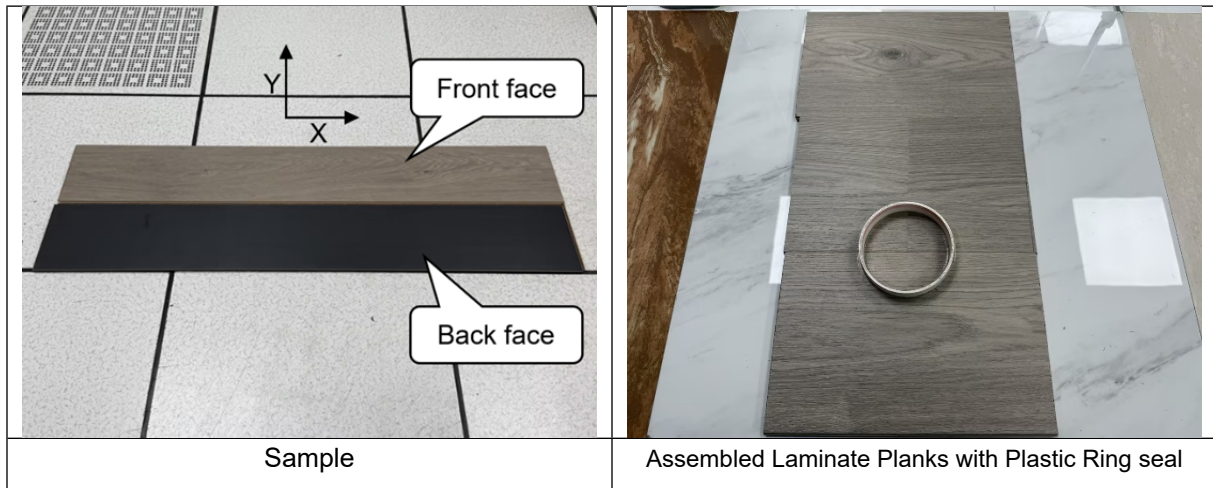
Date : 2025-01-15

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Summary of Results:

No.	Test Item	Test Method	Result
1	Laminate Surface Swell Test – Assembled Joint	NALFA Surface Water Test_08-01-2019	See result

Original Sample Photo:



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Test Item: Laminate Surface Swell Test – Assembled Joint

Sample Description: See photo

Test Method: NALFA Surface Water Test_08-01-2019

Test Condition:

Specimen: 2pcs samples of 152.4mm×192mm×8mm and 2pcs sample of 304.8mm×192mm×8mm form a specimen, total 2pcs specimens, see photo(s)

Preconditioning: (23±1)°C, (50±5)%RH for a minimum of 24h

Exposure time: 24h

Recovery time: 24h

Lab environment condition: (23±1)°C, (50±5)%RH

Test Result:

Specimen No.		1	2	Average
Quantitative calculation (see note 2)	The inverted “T” Joint Wet swell value (mm)	0.298	0.342	0.320
	Wet swell (mm)	0.335	0.353	0.344
	The inverted “T” Joint Recovery swell value (mm)	0.099	0.091	0.095
	Recovery swell (mm)	0.081	0.047	0.064
Remaining water after 24h exposure time (%)		78	78	/
Qualitative rating (see note 3)		Grade 1	Grade 1	/

Note: 1. All test specimens were cut from the original sample.

2. For Quantitative calculation as below:

Wet swell = Wet height – initial height, Recovery swell = Recovery height – initial height.

3. For Qualitative rating, Evaluate the joints for apparent differences, in visual 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:

Grade:

- 1 = No change – 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 = Significant – Noticeable edge swelling and some panel surface lift extending in away from joint.
- 4 = Objectional – Severely raised edge and swelling extending noticeably under the panel surface.
- 5 = Invalid 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).



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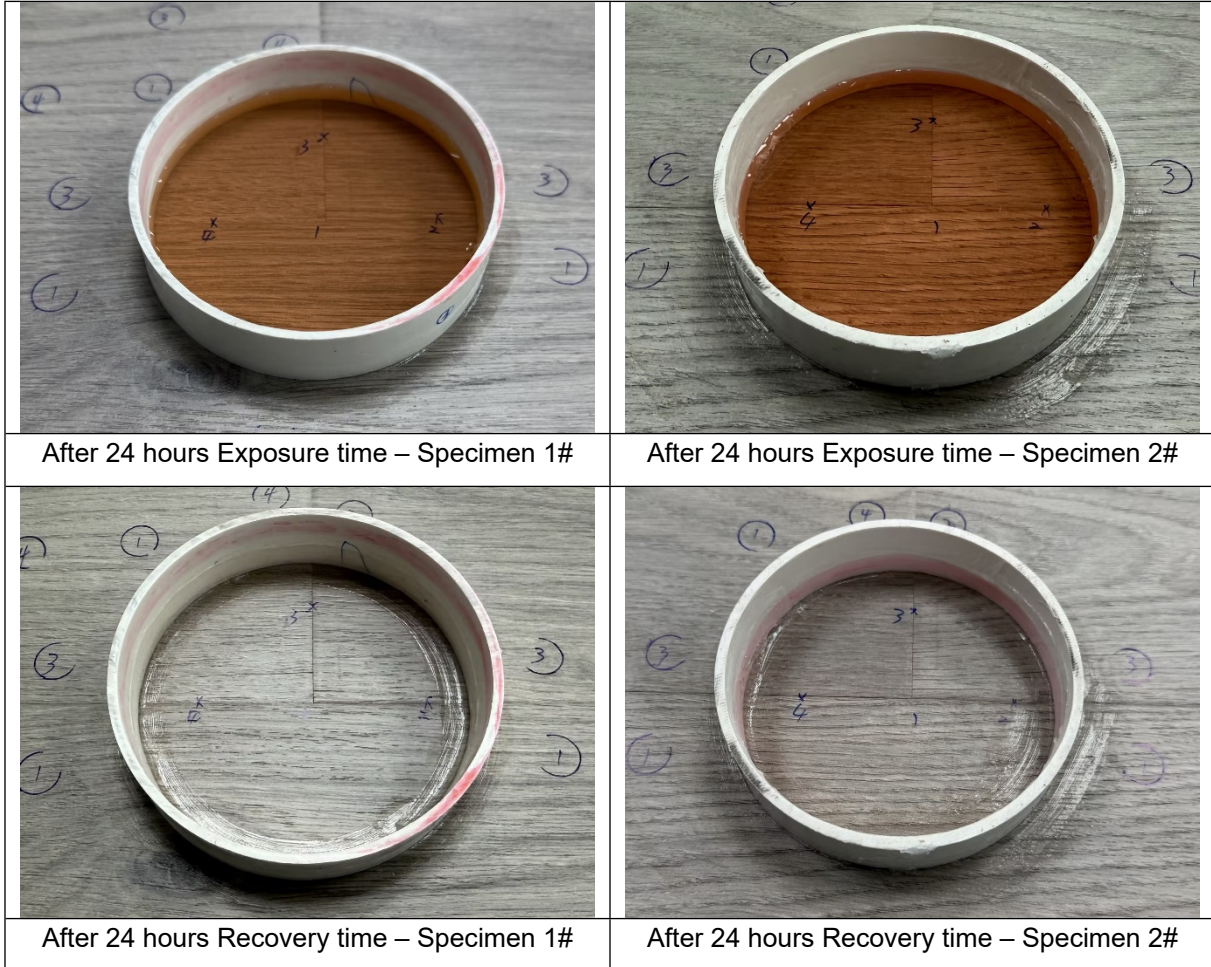
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Test Photo:



*****End of report*****



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