

TEST REPORT

No. : XMIN2206006785CM

Date : Jul 13, 2022

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CUSTOMER NAME: CFL FLOORING (CHINA) CO., LTD.

ADDRESS: NO.111 CHANGJIANG ROAD, JIASHAN DEVELOPMENT AREA, JIAXING, P.R. CHINA

Sample Name : WRL

Product Specification : 10mm

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 : Jun 27, 2022

Testing Start Date : Jun 27, 2022

Testing End Date : Jul 13, 2022

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
Testing Center

Civi Huang

Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Xiamen Branch Testing Center Commercial Construction Material Laboratory

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Summary of Results:

No.	Test Item	Test Method	Result
1	Laminate Surface Swell Test – Assembled Joint	Refer to NALFA Surface Water Test_Final_08-01-2019 and client's requirement	See results

Original Sample Photo:

	
Sample	Assembled Laminate Planks with Plastic Ring seal

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Test Item: Laminate Surface Swell Test – Assembled Joint

Sample Description: See photo

Test Method: Refer to NALFA Surface Water Test_Final_08-01-2019 and client's requirement

Test Condition:

Specimen: 2pcs samples of 150mm×235mm×10mm and 1pc sample of 300mm×235mm×10mm form a specimen, total 2pcs specimens, see photo(s)

Exposure time: 24h

Recovery time: 24h

Test Result:

Specimen No.		1	2	Average
Quantitative calculation (see note 2)	The inverted "T" Joint Wet swell value (mm)	0.211	0.132	0.172
	Wet swell (mm)	0.124	0.118	0.121
	The inverted "T" Joint Recovery swell value (mm)	0.237	0.052	0.145
	Recovery swell (mm)	0.097	0.035	0.066
Remaining water after 24h exposure time (%)		72	72	/
Qualitative rating (see note 3)		Grade 1	Grade 1	/

Note: 1. All test specimens were cut from the samples, see the photograph.

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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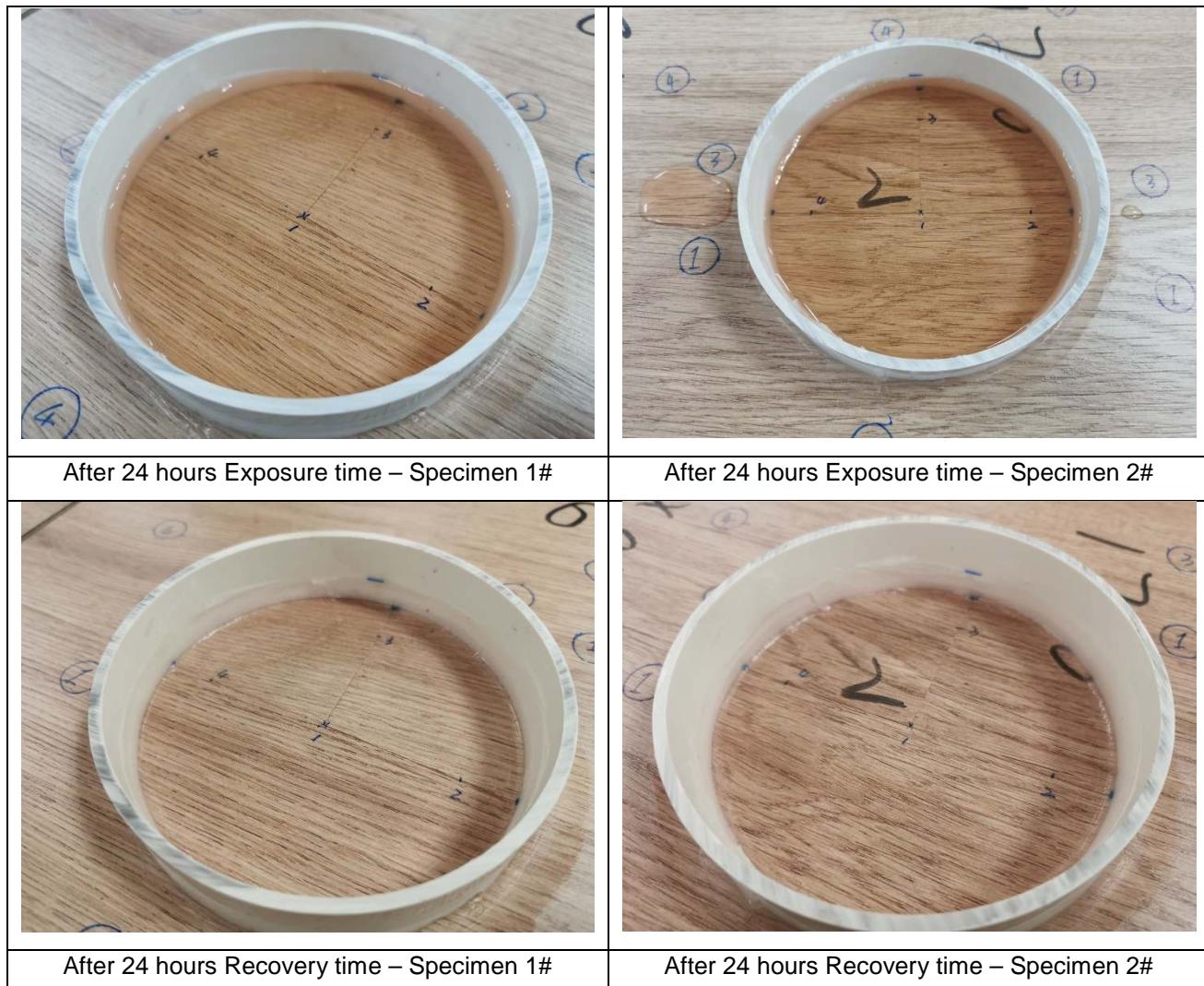
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Test Photo:



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

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