

TEST REPORT

No. : XMIN2507001693CM05_EN

Date : 2025-07-31

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CUSTOMER NAME: CHIPING JINGDA COMMERCE AND TRADE CO., LTD.
ADDRESS: THERMOELECTRIC INDUSTRIAL PARK, CHIPING COUNTY,
LIAOCHENG CITY, SHANDONG, CHINA

Sample Name : SPC FLOORING

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 : 2025-07-22
Testing Period : 2025-07-22 ~ 2025-07-31
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 Hong
Authorized signatory



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SGS-CSTC Standards Technical Services Co., Ltd.
Xiamen Branch Testing Laboratory

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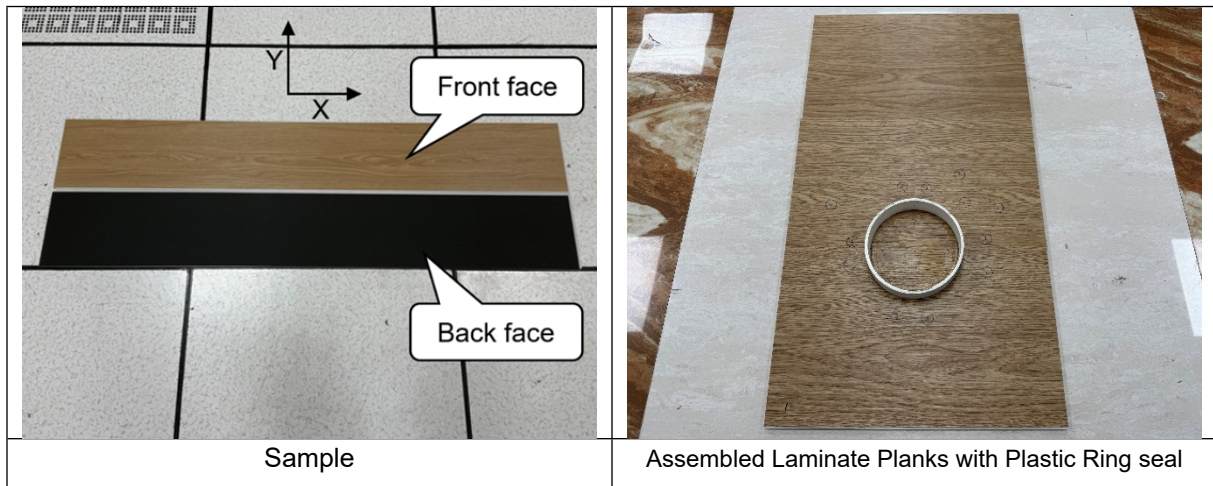
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Summary of Results:

No.	Test Item	Test Method	Requirement(s) of EN 16511:2023	Result	Conclusion
1	Water resistance & Resistance of Mechanical Joints to Water Leakage	ISO 4760:2022	Qualitative rating for Recovery swell rating final average <3 Quantitative rating for Recovery swell final average ≤0.3mm	See result	Pass
			No water leak through the joints after 24h water exposure		Pass

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
N/A : Not Apply to the judgment.

Original Sample Photo:



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Test Item: Water resistance & Resistance of Mechanical Joints to Water Leakage

Sample Description: See photo

Test Method: ISO 4760:2022

Test Condition:

Specimen: 2pcs samples of 152.4mm×182mm and 2pcs sample of 304.8mm×182mm form a specimen, total 3pcs specimens, see photo(s)

Exposure time: 24h

Recovery time: 24h

Test Result:

Specimen No.		1	2	3	Average
Quantitative calculation (see note 2)	The inverted "T" Joint Wet swell value (mm)	0.003	-0.010	0.092	0.028
	Wet swell (mm)	-0.038	0.035	-0.109	-0.037
	The inverted "T" Joint Recovery swell value (mm)	0.035	0.050	0.027	0.037
	Recovery swell (mm)	0.001	0.028	0.020	0.016
Remaining water after 24h exposure time (%)		100	100	100	/
Qualitative rating (see note 3)		1	1	1	/
No water leak through the joints after 24 h water exposure					

Note: 1. All test samples were cut from original samples.

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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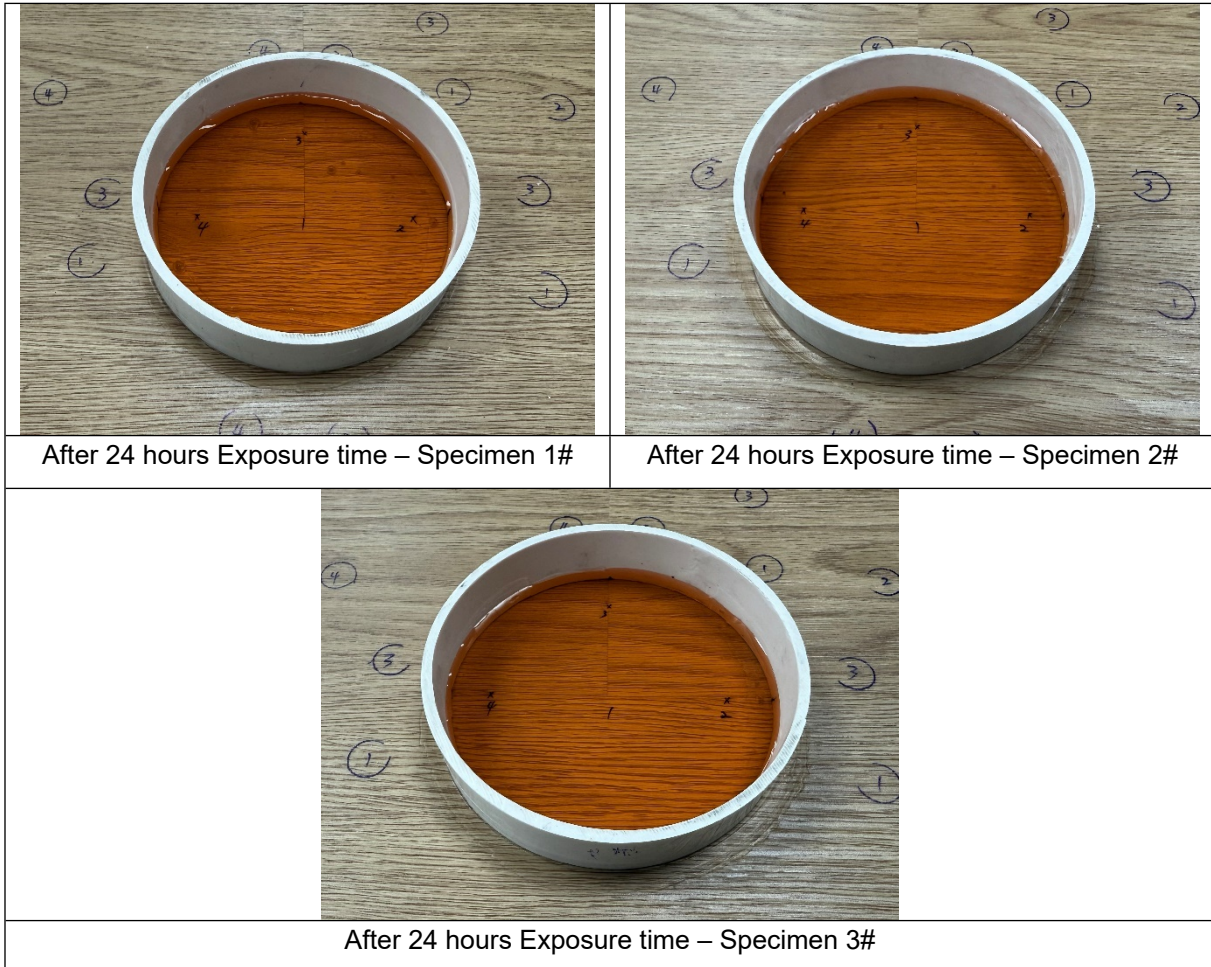
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Test Photo:



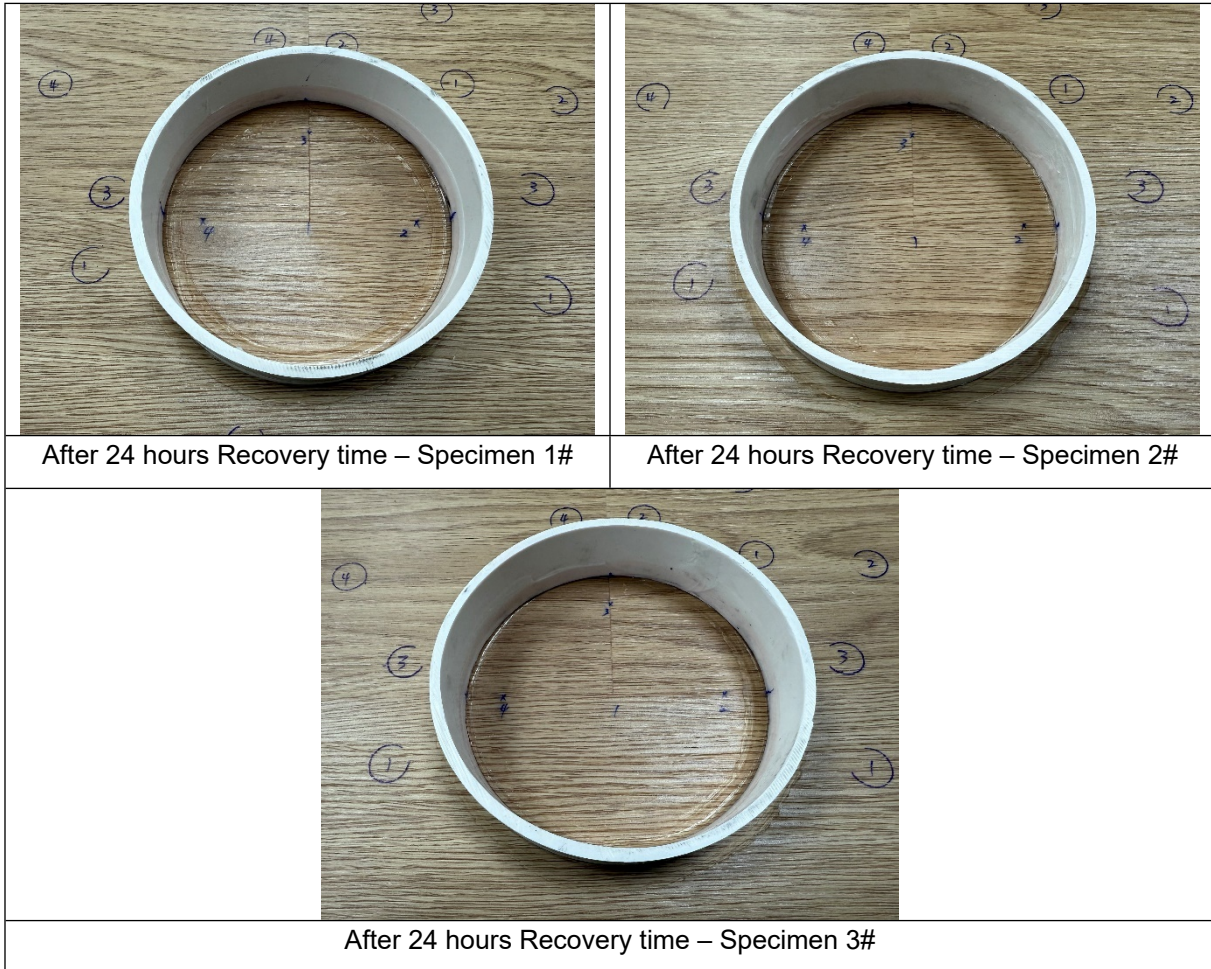
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Test Photo:



Unless otherwise stated, this report provides a declaration of conformity according to whether the test results are within the specified limits or specifications without considering the measurement uncertainty.

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



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