

## TEST REPORT

No. : SHIN2409002251CM08\_EN

Date : 2024-10-29

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CUSTOMER NAME: LAMELIO, s.r.o  
ADDRESS: VYSOKOSKOLAKOV 8421/41  
010 08 ZILINA, SLOVAKIA

Sample Name : SPC WALL PANEL

Product Specification : 3,5 mm

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 : 2024-09-14

Testing Period : 2024-09-14 ~ 2024-10-29

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 (Shanghai) Co., Ltd..

Xander Yang

Xander Yang  
Authorized signatory



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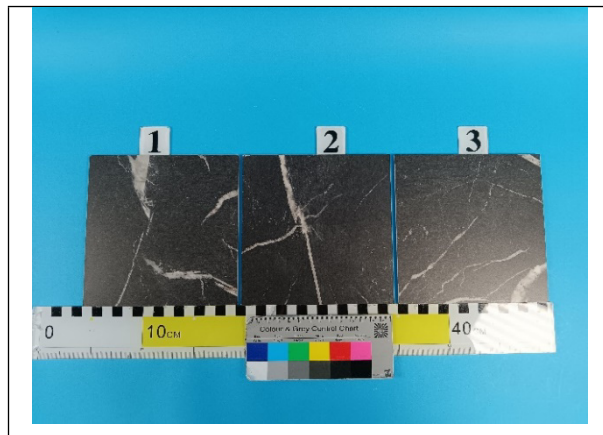
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### Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Micro-scratch Resistance	EN 16094:2021 Procedure A	See Result	N/A

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: Micro-Scratch Resistance

Sample Description: Board

Pretreatment Conditions: (23±2)°C, (50±5)%RH, 168h

Test Method: EN 16094:2021 Procedure A

Test Condition:

Rubbing finger: Outer diameter Φ95mm(Contact area Φ90mm)

Rubbing material: SB 7447

Load: (612±2) g

Cycles: 80

Lab Environmental Condition: (23±2) °C, (50±5)%RH

Test Result:

Sample	Gloss change $\Delta R'$ (85°) (See note 1), %	Micro-scratch resistance class (See note 2)
A	35	MSR-A3

Note:

1.  $\Delta R' = (R_i - R_f) / R_i \times 100\%$ ,  $R_i$  is the mean value at initial state,  $R_f$  is the mean value after finishing the test.

2. Classification of mean values of gloss change:

Micro-scratch resistance class according to procedure A	I Change of gloss I
MSR-A1	≤10%
MSR-A2	> 10 % to 30 %
MSR-A3	> 30 % to 50 %
MSR-A4	> 50 % to 70 %
MSR-A5	> 70 %



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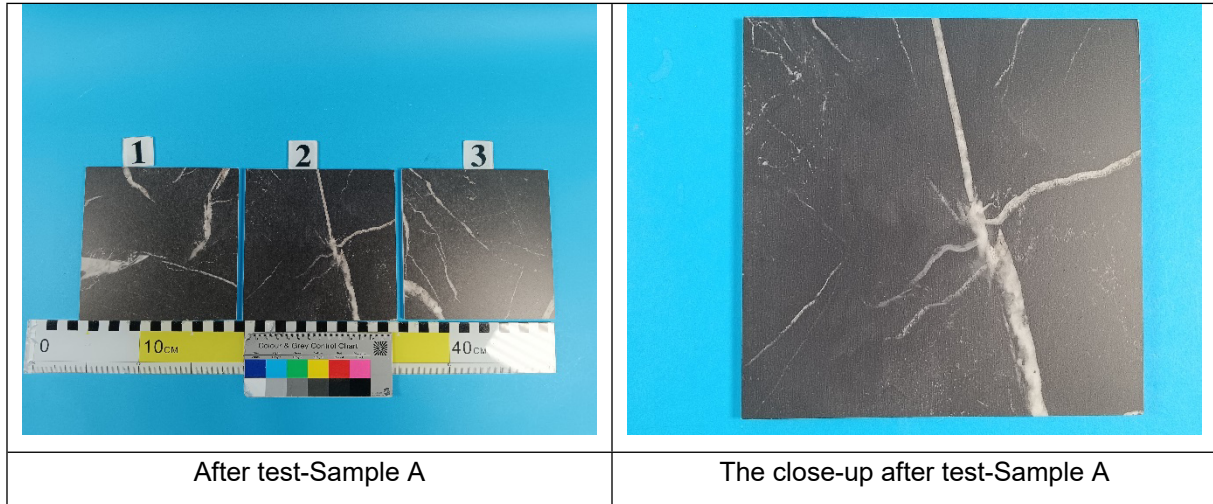
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Test Photo(s):



After test-Sample A

The close-up after test-Sample A

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Martindale abrasion tester	1309 Maxi-Martindale	P-483	2024-08-27	2025-08-26
TRI Gloss meter	4563	P-928	2024-05-27	2025-05-26

The test report shall only be used for clients' scientific research, teaching, internal quality control, product research and development, etc... and just for internal reference.

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



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