

TEST REPORT

No. : SHIN2409002251CM04_EN

Date : 2024-10-12

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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 ~ 2024-09-27

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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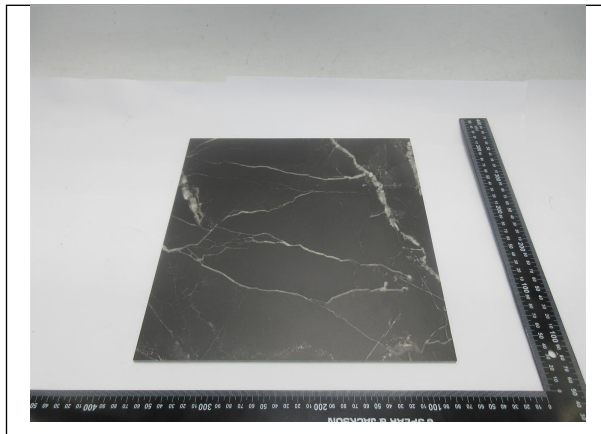
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Vinyl chloride monomer (VCM) *	With reference to EN 15102:2007+A1:2011 Section 4.3.2 & EN 12149:1997 test C	ND	Pass
2	Migration of heavy metals and certain other elements *	With reference to EN 15102:2007+A1:2011 Section 4.3.1 & EN 12149:1997 test B	ND	Pass
3	Formaldehyde Release *	With reference to EN 15102:2007+A1:2011 Section 4.2 & EN 12149:1997 test A	ND	Pass

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

Original Sample Photo(s):



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1. Test Item: Vinyl chloride monomer (VCM) *

Test Method: With reference to EN 15102:2007+A1:2011 Section 4.3.2 & EN 12149:1997 test B, analysis was performed by HS-GC-MS.

Test Part Description: "spc wall panel"

Test Result(s):

Test Item(s)	Unit(s)	MDL	Test Result
Vinyl chloride monomer (VCM)	mg/kg	0.10	ND

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Requirement in EN 15102:2007+A1:2011 Section 4.3.2: $\leq 0.2\text{mg/kg}$

Conclusion: Pass

*test project 1 was carried out SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center.



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2. Test Item: Migration of heavy metals and certain other elements*

Test Method: With reference to EN 15102:2007+A1:2011 Section 4.3.1 & EN 12149:1997 test A, analysis was performed by ICP-OES.

Test Part Description: "spc wall panel"

Test Result(s):

Test Item(s)	Unit(s)	MDL	Test Result
Soluble Arsenic(As)	mg/kg	5	ND
Soluble Barium(Ba)	mg/kg	10	ND
Soluble Cadmium(Cd)	mg/kg	5	ND
Soluble Chromium(Cr)	mg/kg	5	ND
Soluble Mercury(Hg)	mg/kg	5	ND
Soluble Lead(Pb)	mg/kg	5	ND
Soluble Antimony(Sb)	mg/kg	5	ND
Soluble Selenium(Se)	mg/kg	10	ND

Requirement in EN 15102:2007+A1:2011 table 2:

Heavy metal or element	Maximum migration in mg/kg
Soluble Antimony (Sb)	No upper limit
Soluble Arsenic (As)	25
Soluble Barium (Ba)	500
Soluble Cadmium (Cd)	25
Soluble Chromium (Cr)	60
Soluble Lead (Pb)	90
Soluble Mercury (Hg)	20
Soluble Selenium (Se)	165

Conclusion: Pass

*test project 2 was carried out SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center.



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3. Test Item: Formaldehyde Release*

Test Method: With reference to EN 15102:2007+A1:2011 Section 4.2 & EN 12149:1997 test C, analysis was performed by UV-Vis.

Test Part Description: "spc wall panel"

Test Result(s):

Test Item(s)	Unit(s)	MDL	Test Result
Formaldehyde Release	mg/kg	20	ND

Requirement in EN 15102:2007+A1:2011 Section 4.2: $\leq 120\text{mg/kg}$

Conclusion: Pass

*test project 3 was carried out SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center.

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.

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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