

TEST REPORT

No. : XMIN191102672CCM

Date : Nov.08, 2019

Page: 1 of 6

CUSTOMER NAME: JANMART DÉCOR CO., LTD
ADDRESS: BLD.4, NO.3 XIANGSHAN 1RD, WUZHUANG, NANHAI AREA, FOSHAN CITY,
CHINA

Sample Name : STONE MOSAIC
Material : STONE MOSAIC
Spec. : 300x300x4MM

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.

Test Required : Selected test(s) as requested by applicant
Date of Receipt : Nov.04, 2019
Testing Start Date : Nov.04, 2019
Testing End Date : Nov.08, 2019
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)

***** To be continued*****

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

Bryan Hong Authorized Signatory



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Summary of test results:

No.	Test items	Test methods	Test results
1	Absorption by weight	Refer to ASTM C97/C97M-18	0.93%
	Density		2619 kg/m ³
2	Resistance to Staining	Refer to ASTM C1378-04 (Reapproved 2014)	See the following
3	Resistance to Chemical Substances	Refer to ASTM C650-04 (Reapproved 2014)	Not Affected

Note: All the test samples were taken from original samples.

***** To be continued*****



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1. Absorption by weight and density

Test Method:

Refer to ASTM C97/C97M-18 Standard Test Methods for Absorption and Bulk Specific Gravity of Dimension Stone

Specimens: stone mosaic, 20mm×20mm taken from original samples 300mm×300mm, 5pcs.

Test Result:

Specimens identification No.	1	2	3	4	5
Absorption by weight (%)	0.76	1.23	0.60	0.60	1.45
Mean water absorption (%)	0.93				
Standard deviation (%)	0.39				
Density (kg/m ³)	2642	2603	2643	2642	2565
Mean density (kg/m ³)	2619				
Standard deviation (kg/m ³)	35				

***** To be continued*****



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2. Resistance to Staining

Test Method:

Refer to ASTM C1378-04(Reapproved 2014) Standard Test Method for Determination of Resistance to Staining

Specimens: stone mosaic, 20mm×20mm taken from original samples 300mm×300mm, 6pcs.

Test Result:

Specimens identification No.	Reagents	Test results
1	Contrasting grout	Not Affected
2	Carbon lamp black	Not Affected
3	Waterproof ink black	Affected, see photo(s)
4	Washable ink	Affected, see photo(s)
5	Potassium permanganate solution (1g/100mL)	Affected, see photo(s)
6	Methylene blue solution (1%)	Affected, see photo(s)

***** To be continued*****



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3. Resistance to Chemical Substances

Test Method:

Refer to ASTM C650-04(Reapproved 2014) Standard Test Methods for Determination of Resistance of Ceramic Tile to Chemical Substances

Specimens: stone mosaic, 20mm×20mm taken from original samples 300mm×300mm, 15pcs.

Test Result:

Specimens identification No.	Test Solution	Test Result
1	Acetic acid, 3%(V/V)	Not affected
2	Acetic acid, 10%(V/V)	Not affected
3	Ammonium chloride, 100 g/L	Not affected
4	Citric acid solution, 30 g/L	Not affected
5	Citric acid solution, 100 g/L	Not affected
6	Lactic acid, 5%(V/V)	Not affected
7	Phosphoric acid, 3%(V/V)	Not affected
8	Phosphoric acid, 10%(V/V)	Not affected
9	Sulfamic acid, 30 g/L	Not affected
10	Sulfamic acid, 100 g/L	Not affected
11	Sodium hypochlorite solution, 20 mg/L	Not affected
12	Hydrochloric acid solution, 3%(V/V)	Not affected
13	Hydrochloric acid solution, 18%(V/V)	Not affected
14	Potassium hydroxide, 30 g/L	Not affected
15	Potassium hydroxide, 100 g/L	Not affected

***** To be continued*****



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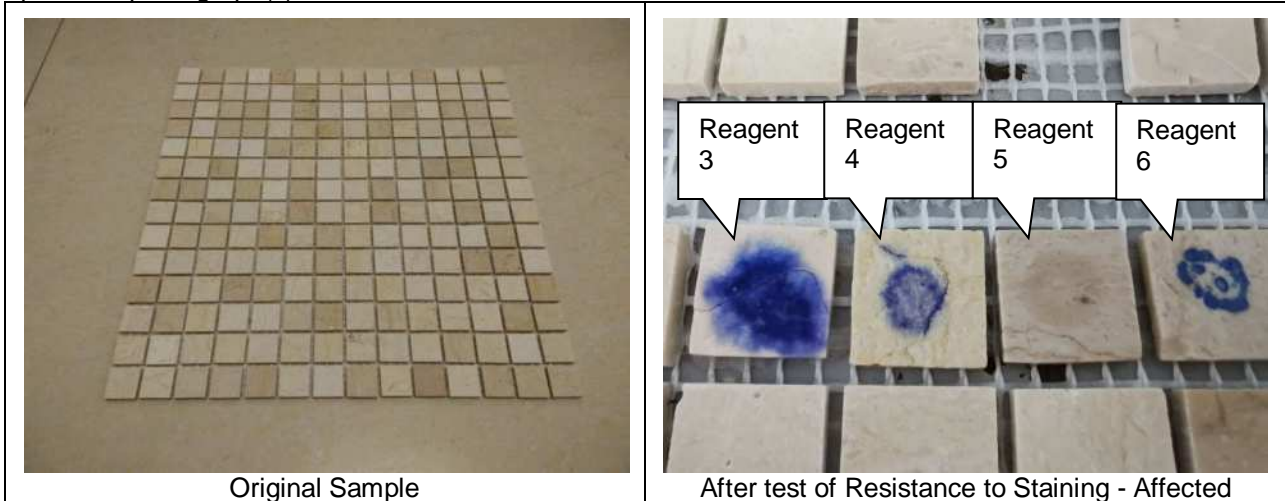
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Specimen photograph(s):



Original Sample

After test of Resistance to Staining - Affected

SGS authenticate the photo(s) on original report only

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



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