TEST REPORT

No. : GZMR240601632402
Date : Sep 14, 2024

Scan to see the report
GZMR240601632402
Verification: check.sgsonline.com.cn

CUSTOMER NAME: GUANGDONG FORTUNE STONE NEW MATERIAL CO.,LTD

ADDRESS: LUO YANG JIE DAO LI CUN XIAO DENG LONG DA XIANG XIN WU YANG GOU GROUP, BOLUO COUNTY, HUIZHOU CITY, GUANGDONG PROVINCE, CHINA

Sample Name : Flexible stone

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.

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SGS Ref. No.	:	GZIN2406002110PL01
Date of Receipt	:	Jun 12, 2024
Testing Start Date	:	Jun 12, 2024
Testing End Date	:	Sep 14, 2024
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. Guangzhou Branch

Cathy Peng
Authorized signatory

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

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TEST REPORT

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Resistance to Artificial Weather Aging	JG/T 24-2018 Section 6.18 & GB/T 1865-2009 Cycle A	See result	/

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

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TEST REPORT

No. : GZMR240601632402
Date : Sep 14, 2024

Test Item: Resistance to Artificial Weather Aging

Sample Description: Sheet

Test Method: JG/T 24-2018 Section 6.18 & GB/T 1865-2009 Cycle A

Test Condition:

Exposure cycle:

Irradiance: 0.51W/(m^2·nm)@340nm

102 min light at (65±2)℃ BST, (50±10)%RH

18 min light and water spray

Filter: Boro/Boro

Exposure period: 1500h

Test Result:

Test Item	Exposure period	Result	
Resistance to Artificial Weather Aging	600h	Grey scale (See note 1)	4-5
		Color change rating (See note 2)	0
		Chalking rating (See note 3)	0
		Appearance	No cracking, swelling or flaking
	1000h	Grey scale (See note 1)	4-5
		Color change rating (See note 2)	0
		Chalking rating (See note 3)	0
		Appearance	No cracking, swelling or flaking
	1500h	Grey scale (See note 1)	4-5
		Color change rating (See note 2)	0
		Chalking rating (See note 3)	2
		Appearance	No cracking, swelling or flaking

Note:

1. According to GB/T 250-2008, the grey scale was determined under the D65 standard light, with scale 5 as the best and scale 1 as the worst.

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检验检测专用章 Inspection & Testing Services

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2. Color change rating refers to GB/T 1766-2008 Section 4.2.2 Table 6, as follows:

Table 6: Degree of color change and color change rating

Rating	Grey scale	Degree of color change
0	4≤Grey scale≤5	No color change
1	3≤Grey scale＜4	Very slight color change
2	2≤Grey scale＜3	Slight color change
3	1-2≤Grey scale＜2	Obvious color change
4	1≤Grey scale＜1-2	Significant color change
5	Grey scale＜1	Serious color change

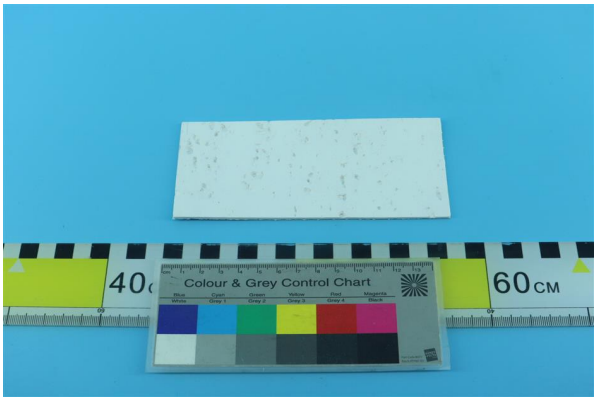
3. Chalking rating refers to GB/T 1766-2008 Section 4.3.2, with scale 0 as the best and scale 5 as the worst. (Tape: 3M 810(Scotch®).

4. The evaluations were carried out within 1 hour after above specified durations for the intermediate inspection as well as at the end of the exposure.

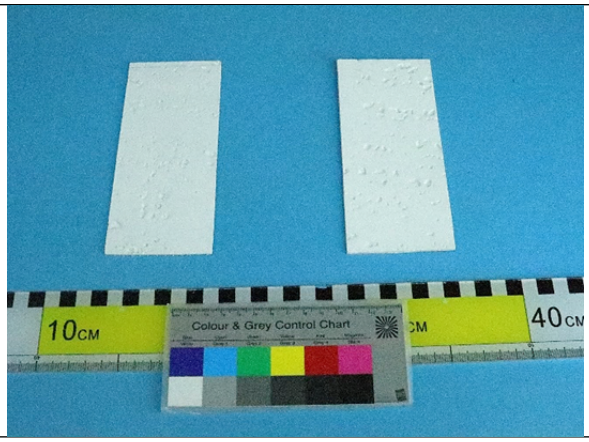
5. After 1000h exposure, the sample was placed at room temperature for 32h. And then the exposure test was performed for another 500h. The total exposure period is 1500h. The test results are only for client's reference.

6. The results of 600h and 1000h are extracted from the test report No. GZMR240601632401.

Test Photo:



Original Sample-Sample A



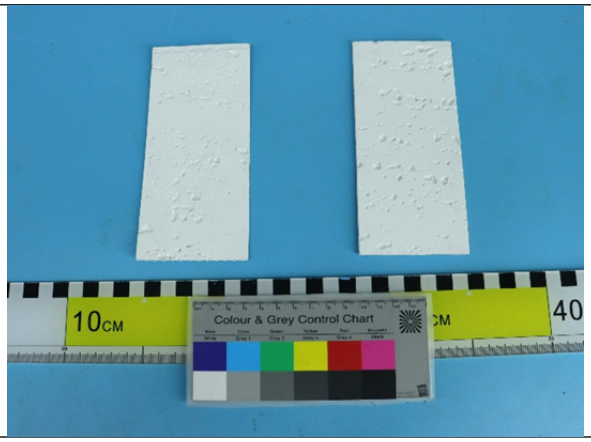
Reference sample Test sample

Before Test-Sample A

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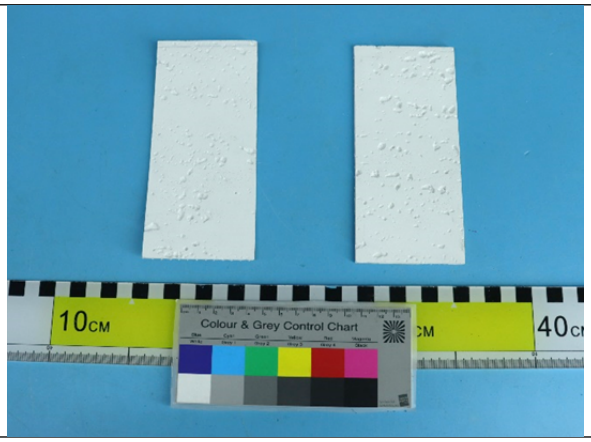
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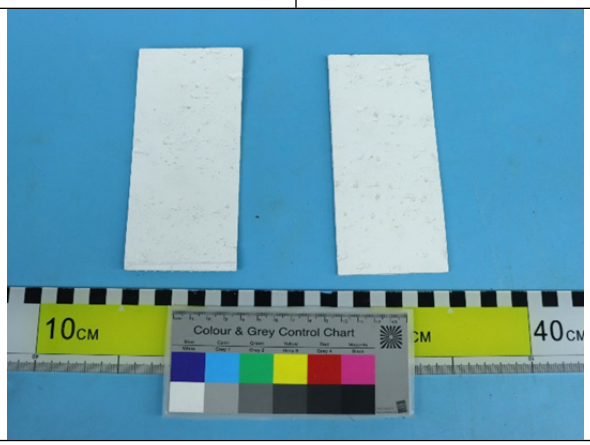
Reference sample Test sample

After Test-Sample A-600h



Reference sample Test sample

After Test-Sample A-1000h



Reference sample Test sample

After Test-Sample A-1500h

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TEST REPORT

Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Xenon Weathering Tester	Ci5000	GZMR-AG-E169	2024-05-21	2025-05-20
Colour Assessment Cabinet	CAC 120-5	GZMR-AG-E287	2024-06-06	2025-06-05

Appendix information:

*In the territory of the People's Republic of China, the test report without CMA logo expresses the test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc., and just for client internal reference.

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

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