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中国认可  
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检测  
TESTING  
CNAS L0690

# TEST REPORT

Report No.: VT2024B01C0421E

Entrusted by: Foshan vipostone Co.,Ltd

Sample Name: Flexible Stone

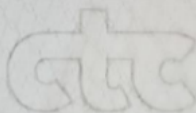
Test Type: Entrustment test



China Testing & Certification International Group Co., Ltd.  
National Research Center of Testing Techniques for  
Building Materials



VT2024B01C03421



# Notice

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2. This test report is invalid without the signatures of the related persons.
3. This test report is invalid if erased, altered or copied partially.
4. Any doubt should inform us within 15 days after receiving the test report.
5. The entrustment test samples and relevant information are provided by entrusted body, the laboratory is not responsible for authenticity. The results shown in this report refer only to the samples tested.
6. This test report is printed on anti-counterfeiting paper. Copies made from original should have grid shadings. The numbers on the back of the data sheet are random and not related with the report.

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**National Research Center of Testing Techniques for Building**  
**Materials**  
**Test Report**

**Report No.:** WT2024B01C03421E

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Sample Name	Flexible Stone	Test Type	Entrustment test
Entrusted by	Foshan vipostone co.,ltd.	Trademark	SINOFLEXISTONE
Manufacturer	Foshan vipostone co.,ltd.	Sample Status	Meet the requirements of testing
Reception Date	November 13, 2024	Sample Quantity	Factory specification 20 pieces; 100mm×100mm 20 pieces; 150mm×70mm 20 pieces; 250mm×250mm 3 pieces; 250mm×50mm 3 pieces; 100mm×10mm 3 pieces; <u>12m<sup>2</sup>; 2kg</u>
Production Date/ Batch No.	-	Model/Size	—
Test Method	Shown on each data sheet.	Test Date	November 14, 2024 - March 20, 2025
Criterion	JC/T 2219-2014(2017) Modified inorganic powder composite building decoration material GB 8624-2012 Classification for burning behavior of building materials and products		
Test Item	12 items including surface quality, water absorption etc., as shown on the data pages.		
Conclusion	*Upon testing, the test results (items 1~10) comply with the requirements metope and ground for indoor and outdoor of JC/T 2219-2014(2017), as shown on the page 2~4. The result of flexibility is shown on the page 4..According to GB 8624-2012, the test results of fire classification comply with the requirements of non-combustible flat building materials and products of A (A2-s1,d0) as shown on the page 5. *		
Remark: (Blank)	Date of issue <u>2025-03-28</u>		



徐科 李永强

Approved by 王强 李永强 checked by 王强 compiled by 曹艳征

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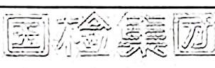
No.	Test Item		Requirement of Criterion				Test Result	Item Conclusion	Test Method
			Indoor		Outdoor				
			Metope	Ground	Metope	Ground			
1.	Surface quality	Perfoliate crack or hole, layering	Not allow				No perfoliate crack, hole and layering	Pass	JC/T 2219-2014(2017) 6.3
		Chipped edge, arris defect, hole, blister, color difference	No obvious defects and color difference				No obvious defects and color difference	Pass	
2.	Water absorption		 the test specimen has no bulking, no cracking, no layering, no chalking				2%, the test specimen has no bulking, no cracking, no layering, no chalking	Pass	JC/T 2219-2014(2017) 6.5 GB/T 9966.3-2001 4.1
3.	Freezing resistance <sup>a</sup>		—		The surface has no cracking, no chalking, no layering after 15 times		The surface has no cracking, no chalking, no layering after 15 times	Pass	JC/T 2219-2014(2017) 6.6 JG/T 25-2017
4.	Heat resistance	Rate of dimensional change	< 0.5%				0.3%	Pass	JC/T 2219-2014(2017) 6.7
		Surface	No tacky, no blister				No tacky, no blister	Pass	GB/T 4085-2015 6.5
<b>Remark: 1.</b> Test location: GuanZhuang. <b>2.</b> Standard requirements: <sup>a</sup> The test is required when climatic conditions require it.									

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No.	Test Item		Requirement of Criterion				Test Result	Item Conclusion	Test Method
			Indoor		Outdoor				
			Metope	Ground	Metope	Ground			
5.	Artificial weathering resistance	Time	---		2000h		2000h	Pass	JC/T 2219-2014(2017) 6.9 GB/T 16259-2008 GB/T 1766-2008
		Appearance	No blistering, cracking or layering				No blistering, cracking or layering	Pass	
		Chalking	 ≤ 1 rank				1 rank	Pass	
		Colour change	≤ 2 rank				1 rank	Pass	
6.	Skid resistance (Static coefficient of friction F <sub>w</sub> )		---	≥ 0.5	---	≥ 0.5	0.78	Pass	GB/T 4100-2006 Appendix M
7.	Dirt pickup resistance		≤ 2 rank (Scraggy surface)				2 rank	Pass	GB/T 9780-2013
Remarks: 1. Test location: GuanZhuang.									

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No.	Test Item		Requirement of Criterion				Test Result	Item Conclusion	Test Method
			Indoor		Outdoor				
			Metope	Ground	Metope	Ground			
8.	Chemical resistance <sup>c</sup>	Acid resistance	The surface has no cracking, no layering, no obvious discoloration				The surface has no cracking, no layering, no obvious discoloration	Pass	JC/T 2219-2014 (2017) 6.14
		Alkali resistance	The surface has no cracking, no layering, no obvious discoloration				The surface has no cracking, no layering, no obvious discoloration	Pass	
9.	Limit of harmful substances	TVOC	≤10g/m <sup>2</sup>			2.0g/m <sup>2</sup>	Pass	GB 18586-2001 5.5	
		Soluble lead	≤20mg/m <sup>2</sup>	—		Not detected	Pass	GB 18586-2001 5.4	
		Soluble cadmium	≤20mg/m <sup>2</sup>	—		Not detected	Pass		
10.	Limits of radionuclides	I <sub>Ra</sub>	≤1.0	—		0.0 <sup>+</sup>	Pass	GB 6566-2010	
		I <sub>r</sub>	≤1.3	—		0.0 <sup>+</sup>	Pass		
11.	Flexibility <sup>b</sup>		Agreed				φ 200mm. no cracking	—	JC/T 2219-2014 (2017) 6.12

**Remarks:** 1. Test location: GuanZhuang.  
2. Standard requirements: <sup>b</sup>The test is required when agreed in the contract between supply and demand.  
<sup>c</sup>Small variations in color are allowed.  
3. Not detected: Soluble lead, Soluble cadmium < 0.1mg/m<sup>2</sup>.

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本检测报告

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No.	Test Item	Requirement of Criterion GB 8624-2012	Test Result	Item Conclusion	Test Method	
12.	Fire classification A (A2-s1, d0)	PCS	$\leq 3.0\text{MJ/kg}$	0.6MJ/kg	Pass	GB/T 14402-2007
		FIGRA <sub>0.2MJ</sub>	$\leq 120\text{W/s}$	60W/s	Pass	GB/T 20284-2006
		LFS	< edge of specimen	< edge of specimen	Pass	
		THR <sub>600s</sub>	$\leq 7.5\text{MJ}$	1.5MJ	Pass	
		SMOGRA	$\leq 30\text{m}^2/\text{s}^2$	0m <sup>2</sup> /s <sup>2</sup>	Pass	
		TSP <sub>600s</sub>	$\leq 50\text{m}^2$	24m <sup>2</sup>	Pass	
		Flaming droplets/particles	No flaming droplets/ particles within 600s	No flaming droplets/ particles within 600s	Pass	
<p>(Fire classification Sample Installation Instructions)</p> <p>1. Test samples were installed in accordance with GB/T 20284-2006 5.2.2 b).</p> <p>2.Backing board (fiber reinforced calcium silicate boards) size: thickness 12mm, density 800kg/m<sup>3</sup>, 1500mm × 1000mm,1500mm × 570mm.</p> <p>3. The homogeneous test specimen surface by the fire was decorative surface.</p>						
<p><b>Annotations:</b></p> <p>1. Test address: Miyun .</p> <p>2. Fire classification test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.</p> <p>3.Sample thickness 3mm.</p>						

————— **End of the report** —————

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