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中国认可
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检测
TESTING
CNAS L0690

TEST REPORT

Report No.: WT2023B01C00609E



Entrusted by:

Sample Name:

Test Type:

Entrustment Test

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



WT2023B01C00609



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Sample Name		Test Type	Entrustment Test
Entrusted by		Trademark	ChuangXin
Manufacturer		Sample Status	Meet the requirements of testing
Reception Date	March 10, 2023	Sample Quantity	14m²
Production Date/ Batch No.	February 2023	Model/Size	4mm
Test Method	Shown on each data sheet.	Test Date	March 14, 2023- July 10, 2023
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	9 items including surface quality, water absorption etc., as shown in the data pages.		
Conclusion	*Upon testing, the test results (items 1~7)comply with the requirements of outdoor metope in JC/T 2219-2014(2017), as shown in the page 2 and 3.The result of flexibility is detailed in the page 3.Test results of fire classification comply with the requirements of flat building materials and products of Class B₁(B-s2,d0,t0),as shown in the page 4.* Date of issue: 2023-07-14		
Remark: (Blank)			

Approved by 杨文强 **字建伟** **Checked by** 王明 **Compiled by** 达小贺

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No.	Test Item		Requirement of Criterion	Test Result	Item Conclusion	Test Method
1.	Surface quality	Perfoliate crack or hole, layering	Not allow	No perfoliate crack and layering	Pass	JC/T 2219-2014 (2017) 6.3
		Chipped edge, arris defect, hole,blister, color difference	No obvious flaws and color difference	No obvious flaws and color difference	Pass	
2.	Water absorption		$\leq 15\%$, the test specimen has no bulking,no layering,no crack, no chalking	8%, the test specimen has no bulking,no layering,no crack, no chalking	Pass	JC/T 2219-2014 (2017) 6.5
3.	Freezing resistance ^a		The surface has no crack, no chalking, no layering after 15 times	The surface has no crack, no chalking, no layering after 15 times	Pass	JC/T 2219-2014 (2017) 6.6
4.	Heat resistance	Rate of dimensional change	$\leq 0.5\%$	0.2%	Pass	JC/T 2219-2014 (2017) 6.7
		Surface	No tacky, no blister	No tacky, no blister	Pass	
5.	Dirt pickup resistance		≤ 2 rank	1 rank	Pass	GB/T 9780-2013

Remark:1. Test location:GuanZhuang.

2.Standard requirements: ^aThe test is required when climatic conditions require it.

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No.	Test Item		Requirement of Criterion	Test Result	Item Conclusion	Test Method
6.	Chemical resistance ^c	Acid resistance	The surface has no crack, no layering, no obvious discoloration	The surface has no crack, no layering, no obvious discoloration	Pass	JC/T 2219-2014 (2017) 6.14
		Alkali resistance	The surface has no crack, no layering, no obvious discoloration	The surface has no crack, no layering, no obvious discoloration	Pass	
7.	Artificial weathering resistance	Time	2000h	2000h	Pass	JC/T 2219-2014 (2017) 6.9
		Appearance change or delaminate	No blister, no crack and layering	No blister, no crack and layering	Pass	
		Chalking	≤ 1 rank	0 rank	Pass	
		Colour change	≤ 2 rank	1 rank	Pass	
8.	Flexibility ^b		Agreed	φ 200mm no crack	—	JC/T 2219-2014 (2017) 6.12

Remark: 1.Test location:GuanZhuang.

2.Standard requirements: ^b The test is required when agreed in the contract between supply and demand.

^c Small variations in color are allowed.

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No.	Test Item		Requirement of Criterion	Test Result	Item Conclusion	Test Method
9.	Fire classification B ₁ (B-s ₂ ,d ₀ ,t ₀)	FIGRA _{0.2MJ}	≤120W/s	81W/s	Pass	GB/T 20284-2006
		THR _{600s}	≤7.5MJ	5.8MJ	Pass	
		LFS	< edge of specimen	< edge of specimen	Pass	
		Fs within 60s	Fs≤150mm	Fs<150mm	Pass	GB/T 8626-2007
		Flaming debris ignition filter paper within 60s	No flaming debris ignition filter paper	No flaming debris ignition filter paper	Pass	
		SMOGRA	≤180m ² /s ²	9m ² /s ²	Pass	
		TSP _{600s}	≤200m ²	60m ²	Pass	GB/T 20284-2006
		Flaming droplets/particles	No flaming droplets/ particles within 600s	No flaming droplets/ particles within 600s	Pass	
		Smoke toxicity	ZA ₁	ZA ₁	Pass	GB/T 20285-2006
Installation		1. Test samples based on GB/T 20284-2006 5.2.2 b) to install. 2. Backing board (fiber reinforced calcium silicate boards) size: 1000mm × 1500mm, 570mm × 1500mm, thickness 12mm, density 800kg/m ³ . 3. Test specimen surface towards fire is decorative surface.				
Remarks: 1.Test location: GuanZhuang. 2. Fire classification test results relate to the behavior 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.						

End of the report

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