



230002282856



(2023)国认监认字(342)号



中国认可
国际互认
检测
TESTING
CNAS L0690

TEST REPORT

No.: WT2023C01C00049



Entrusted by :

FOSHAN MAGIC STONE GREEN
BUILDING MATERIAL CO.,LTD.

Sample Name : Flexi Modified Clay Material (Flexi Stone)

Test Type :

Entrustment Test

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for building materials



WT2023C01C00049





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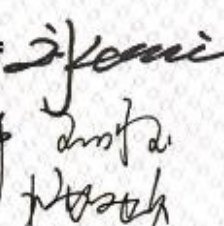
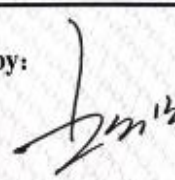
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Sample name	Flexi Modified Clay Material (Flexi Stone)	Test type	Entrustment Test
Entrusted by	FOSHAN MAGIC STONE GREEN BUILDING MATERIAL CO.,LTD.	Brand	---
Manufacturer	FOSHAN MAGIC STONE GREEN BUILDING MATERIAL CO.,LTD.	Sample description	Normal
Date of reception	January 21, 2023	Quantity of Sample	18m ² (100 pieces)
Date of produce/	January 3, 2023	Batch No.	20230103-A
Model /Size	300mm×600mm	Sample No.	YP20230101-A
Test standard/ Method	See the data page.		
Predicate standard	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 items	12 items including surface quality, water absorption etc.,see the page 2~4.		
Test conclusion	* The test results comply with the requirements of JC/T 2219-2014(2017), see the page 2 and 3.According to GB 8624-2012, test results of fire classification comply with the requirements of fire classification A (A2-s1,d0,t0) incombustible material (product) of tabulate building materials,see the page 4. Date of issued : May 21,2023 (Seal) 检验专用章		
Remarks:	(Blank)		

Approved by:  Verified by: 

Compiled by: 

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N o.	Test items		Requirements of standard JC/T 2219-2014(2017)				Test results	Individual conclusion	Test standard/ method
			Indoor		Outdoor				
			Metope	Ground	Metope	Ground			
1.	Surface quality	Perfoliate crack or hole, layering	Not allow				No perfoliate crack and layering	Passed	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	Passed	
2.	Water absorption		GB 15763.3 ≤15%. The test specimen has no bulking,no layering,no crack, no chalking				4%, The test specimen has no bulking,no layering,no crack, no chalking	Passed	JC/T 2219-2014 (2017) 6.5
3.	Freezing resistance				The surface has no crack, no chalking, no layering		The surface has no crack, no chalking, no layering	Passed	JC/T 2219-2014 (2017) 6.6
4.	Heat resistance	Rate of dimensional change	≤ 0.5%				0.3%	Passed	JC/T 2219-2014 (2017) 6.7
		Surface	No tacky, no blister				No tacky, no blister	Passed	
5.	Artificial weathering resistance	Time	—		2000h		2000h	Passed	JC/T 2219-2014 (2017) 6.9
		Appearance	—		No blister, no crack and layering		No blister,no crack and layering	Passed	
6.	Skid resistance (Static coefficient of friction)		—	≥ 0.5mm	—	≥ 0.5mm	0.7mm	Passed	GB/T 4100-2006 Appendix M
Remarks: (Blank)									

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No.	Test items		Requirements of standard JC/T 2219-2014(2017)				Test results	Individual conclusion	Test standard/ method
			Indoor		Outdoor				
			Metope	Ground	Metope	Ground			
7.	Flexibility		contracted				φ 200mm No crack	Passed	JC/T 2219-2014 (2017) 6.12
8.	Dirt pickup resistance		≤ 2 rank (scraggy surface)				1 rank (scraggy surface)	Passed	GB/T 9780-2013
9.	Chemical resistance	Acid resistance	The surface has no crack, no layering, no obvious discoloration		The surface has no crack, no layering, no obvious discoloration		Passed	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		Passed		
10.	Limit of harmful substances	TVOC	≤ 10g/m ²	——		3.2g/m ²	Passed	GB 18586-2001 5.5	
		Pb	≤ 20mg/m ²	——		8.4mg/m ²	Passed	GB 18586-2001 5.4	
		Cd	≤ 20mg/m ²	——		Not detected	Passed		
11.	Limits of radionuclides	I _{Ra}	≤ 1.0	——		0.1	Passed	GB 6566-2010	
		I _r	≤ 1.3	——		0.1	Passed		
Remarks: Not detected: Cd < 0.1mg/m ²									

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No.	Test items		Requirements of standard GB 8624-2012 Tabulate building materials	Test results	Individual conclusion	Test standard/ method
12.	Fire classification A (A2-s1, d0)	PCS (substantial components, metal plate)	≤ 3.0MJ/kg	2.8MJ/kg	Passed	GB/T 14402-2007
		FIGRA _{0.2MJ}	≤ 120W/s	93W/s	Passed	GB/T 20284-2006
		THR _{600s}	≤ 7.5MJ	2.8MJ	Passed	
		LFS	< edge of specimen	< edge of specimen	Passed	
		TSP _{600s}	≤ 50m ²	45m ²	Passed	
		SMOGRA	≤ 30m ² /s ²	5m ² /s ²	Passed	
		Flaming droplets/ particles	No flaming droplets/ particles within 600 s	No flaming droplets/ particles within 600 s	Passed	
Installation (GB/T 20284-2006)		1. Test samples based on GB/T 20284-2006 5.2.2 d) 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 by the fire is arbitrary surface.				
Remarks: The 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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