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中国认可
国际互认
检测
TESTING
CNAS L0690

TEST REPORT

Report No.: XJ2023B01C01174E

Entrusted by:

PHOMI HOLDING CO., LTD.

Sample Name:

econiclay Coverings Pro Series

Test Type:

Type test

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



XJ2023B01C01174



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Sample Name	econiclay Coverings Pro Series	Test Type	Type test
Entrusted by	PHOMI HOLDING CO., LTD.	Sample source	Entrustment
Manufacturer	PHOMI MCM CO., LTD.	Trademark	PHOMI
Reception Date	August 18, 2023	Sample Status	Sheet normal
Sample Quantity	3m ²	Model/Size	——
Production Date/ Batch No.	——	Test Date	August 22, 2023- March 14, 2024
Test Method	Shown on each data sheet.		
Criterion	JC/T 2219-2014(2017) Modified inorganic powder composite building decoration material		
Test Item	All items of metope and ground for outdoor Water vapor density		
Conclusion	*Upon testing , the test results （ items 1~11 ） comply with the requirements of metope and ground for outdoor of JC/T 2219-2014(2017), as shown on the page 2~4. The result of water vapor density is shown on the page 4.* Date of issue 2024-04-09  (Seal)		
Remark: (Blank)			

Approved by 杨文强 宇建 **Checked by** 王 **Compiled by** 曹艳

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JC/T 2219-2014(2017)							
No.	Test Item		Requirement of Criterion		Test Result	Item Conclusion	Test Method
			Outdoor				
			Metope	Ground			
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.	Size deviation	Length	±1mm ✓		-1mm	Pass	JC/T 2219-2014(2017) 6.4.1、6.4.2
		Width	±1mm		-1mm	Pass	
		thickness	+1.5mm -1.0mm		0.6mm	Pass	
3.	Water absorption		≤15%, The test specimen has no bulking, no layering, no crack, no chalking		9%, The test specimen has no bulking,no layering,no crack, no chalking	Pass	JC/T 2219-2014(2017) 6.5 GB/T 9966.3-2001 4.1
4.	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 JG/T 25-2017

Remark: 1. Test location: GuanZhuang.

2. Standard requirements: ^a 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
			Outdoor				
			Metope	Ground			
5.	Heat resistance	Rate of dimensional change	≤ 0.5%		0.4%	Pass	JC/T 2219-2014(2017) 6.7
		Surface	No tacky, no blister		No tacky, no blister	Pass	GB/T 4085-2015 6.5
6.	Residual indentation			≤ 0.40 mm	0.17mm	Pass	GB/T 4085-2015 6.9
7.	Abrasion resistance (750r)		—	≤ 0.15g	0.14g	Pass	GB/T 3810.7-2016 GB/T 15036.2-2018 3.3.2.2
8.	Skid resistance (Static coefficient of friction FW)		—	≥ 0.5	0.75	Pass	GB/T 4100-2006 Aappendix M
9.	Dirt pickup resistance		≤ 1 rank (Flat surface)		1 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
			Outdoor				
			Metope	Ground			
10.	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	
11.	Artificial weathering resistance	Time	2000h		4000h	Pass	JC/T 2219-2014(2017) 6.9 GB/T 16259-2008 GB/T 1766-2008
		Appearance	No blistering, cracking or lamination		No blistering, cracking and lamination	Pass	
		Chalking	≤ 1 rank		1 rank	Pass	
		Colour change	≤ 2 rank		2 rank	Pass	
12.	Water vapor density		—		1.126×10 ⁻⁶ kg/ (s · m ²)	—	GB/T 17146-2015

Remarks:1. Test location: GuanZhuang.

2. Standard requirements: ^cSmall variations in color are allowed.

3. Water vapor density test items: test conditions A method.

End of the report

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