

# China National Testing Group Co., Ltd.

National testing centre for materials of construction

## Test report

Report Number: XJ2023B01C01174

Page 2 of 3

Serial number	Inspection items		Standard requirements		Inspection results	Individual conclusion	Inspection basis
			outdoor				
			Wall	ground			
1.	Appearance Quality	Penetrating cracks or voids, delaminations	Not allowed		No penetrating cracks or holes, delamination	accord with	JC/T 2219-2014(2017) 6.3
	Surface Defects	Missing edges, missing corners, holes, bubbles, color difference	There should be no obvious defects, color difference		No obvious defects, color difference	accord with	
2.	Allowable deviation of size	Length (Cutting class)	$\pm 1\text{mm}$		-1mm	accord with	JC/T 2219-2014(2017) 6.4.1, 6.4.2
		Width (Cutting Class)	$\pm 1\text{mm}$		-1mm	accord with	
		Thickness (Plane Class)	$\pm 1.5\text{mm}$ <del>-1.0mm</del>		-0.6mm	accord with	
3.	Water absorption	$\leq 15\%$ , Test piece without bulging and opening Split, delamination, powder present 裂	$9\%$ . Test piece without bulging and opening Cracking, delamination, powdering phenomenon		accord with	JC/T 2219-2014(2017) 6.5 GB/T 9966.3-2001 4.1	
4.	Frost resistance	15 times no surface crack, powdering, delamination and other damage phenomenon	No surface cracks for 15 times Striation, powdering, delamination Other damage phenomena		accord with	JC/T 2219-2014(2017) 6.6 JG/T 25-2017	
5.	Size change rate	$\leq 0.5\%$		0.4%	accord with	JC/T 2219-2014(2017) 6.7 GB/T 4085-2015 6.5	
	surface	No sticky, foaming phenomenon		No sticky, foaming phenomenon	accord with		

Note: 1, detection location: Guanzhuang.  
2, the standard requirements: \*Testing is required when climatic conditions require it.

# China National Testing Group Co., Ltd.

National testing centre for materials of construction

## Test report

Report Number: XJ2023B01C01174

Page 3 of 3

Serial number	Inspection items		Standard requirements		Inspection results	Individual conclusion	Inspection basis
			outdoor				
			Wall	ground			
6.	Residual sag		—	≤0.40mm	0.17mm	accord with	GB/T 4085-2015 6.9
7.	Wear resistance (750 r)		—	≤0.15g	0.14g	accord with	GB/T 3810.7-2016 GB/T 15036.2-2009 3.3.2.2
8.	Slip resistance (static friction coefficient Fw)		—	≥0.5	0.75	accord with	GB/T 4100-2015 Appendix M
9.	Stain resistance		Class ≤ 1 (plane class)		1 level	accord with	GB/T 9780-2013
10.	Chemical resistance.	Acid resistance	No cracking, delamination, obvious discoloration on the surface		No surface cracking, delamination, obvious change 色	accord with	JC/T 2219-2014 (2017) 6.14
		Alkaline resistance	No cracking, delamination, obvious discoloration on the surface		No cracking, delamination, obvious discoloration on the surface	accord with	
11.	Weathering resistance	Aging time	2000h		4000h	accord with	JC/T 2219-2014(2017) 6.9 GB/T 16259-2008 GB/T 1766-2008
		Appearance	No foaming, cracking or breaking 层		No foaming, cracking or delamination	accord with	
		Powdering	≤ 1 grade		1 level	accord with	
		Discolorat	Class ≤ 2		2 level	accord with	
12.	Steam wet flow density		—		1.126 × 10 <sup>-6</sup> kg/(s · m <sup>2</sup> )	—	GB/T 17146-2015

Note: 1, detection location: Guanzhuang.  
2, standard requirements: Small changes in color are allowed.  
3, water vapor wet flow density detection project: test condition A method.

### Conclusion of this report

Testing organization address: Chaoyang District, Beijing Guanzhuang East 1 Tel: 010-51167681

Postal code: 100024

China National Testing Group Co., Ltd.

National testing centre for materials of construction

Test report

Report Number: WT2023B01C03201

Page 2 of 3

Serial number	Detection project		JC/T 2219-2014 (2017) Outdoor wall	Test results	Individual conclusion	Detection basis
1.	Appearance Quality Surface Defects	Penetrating cracks or voids, delamination	Not allowed	No penetrating cracks or holes, delamination	accord with	JC/T 2219-2014(2017) 6.3
		Missing edge, off Angle, Hole Hole, Rise Bubble, color difference	There should be no obvious defects, color difference	No obvious defects, color difference	accord with	
2.	Water absorption		≤15%, There is no bulging, cracking, delamination and powdering of the specimen.	12%, Test piece without bulging and opening Cracking, delamination, powdering phenomenon	accord with	JC/T 2219-2014(2017) 6.5 GB/T 9966.3-2001
3.	Frost resistance		15 times no surface crack, powder, delamination and other damage phenomenon	No surface cracks for 15 times Striation, powdering, delamination Other damage phenomena	accord with	JC/T 2219-2014(2017) 6.6 JG/T 25-2017
4.	Heat resistance to heating	Size change rate	≤0.5%	0.3%	accord with	JC/T 2219-2014(2017) 6.7 GB/T 4085-2015 6.5
		surface	No sticky, bubbling 象	No sticky, foaming phenomenon	accord with	
5.	Stain resistance		Class ≤ 2 (concave and convex surface class)	1 level	accord with	GB/T 9780-2013
Remarks; 1, detection location: Guanzhuang. 2, the standard requirements: a when climatic conditions require testing.						

Testing organization address: No. 1 Guanzhuang East Lane, Chaoyang District, Beijing Tel: 010-51167681 Zip Code: 100024



# China National Testing Group Co., Ltd.

National testing centre for materials of construction

## Test report

Report Number: WT2023B01C03201

Page 3 of 3

Serial number	Detection project	JC / T 2219-2014 (2017) Outdoor wall	Test results	Individu conclus	Detection basis	
<b>6.</b>	<b>Chemical resistance</b>	Acid resistance	No cracking, delamination, obvious discoloration on the surface	No surface cracking, delamination, obvious change  色	accord with	JC/T 2219-2014 (2017) 6.14
		Alkaline resistance	No cracking, delamination, obvious discoloration on the surface	No surface cracking, delamination, obvious change  色	accord with	
<b>7.</b>	<b>Artificial aging resistance</b>	Aging time	2000h	2000h	accord with	JC/T 2219-2014(2017) 6.9 GB/T 16259-2008 GB/T 1766-2008
		Appearance	No foaming, cracking or delamination	No foaming, cracking and delamination	accord with	
		Powdering	≤ 1 grade	1 level	accord with	
		Discolorat	Class ≤ 2	2 level	accord with	
<b>8.</b>	<b>Flexibility b</b>	<b>agree</b>	200 mm diameter without cracks	—	JC/T 2219-2014 (2017) 6.12	

Note: 1, detection location: Guanzhuang.

2, standard requirements: b supply, need both sides of the contract when required to test.

Small changes in color are allowed.

End of a report.

Testing organization address: No. 1 Guanzhuang East Lane, Chaoyang District, Beijing Tel: 010-51167681 Zip Code: 100024