

Notice

1. This test report is invalid without the seal.
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 results shown in this test report refer only to the sample(s) tested unless otherwise stated.



Address: *No.1 Guanzhuang Dongli, Chaoyang District, Beijing 100024, P.R. China*
Post Code: 100024
Tel: (86-10) 65728538 51167664
Fax: (86-10) 65715369
Web: <http://www.cbmtc.com> www.chinabmnet.com
E-mail: jq@cbmtc.com



2006000586R



检测
CNAS L0690



正本

TEST REPORT

Report No.: 200920078-1

Entrusted by: FOSHAN GAOLI ALUMINIUM INDUSTRY CO.,LTD

Sample Name: aluminium panels with fluorocarbon coatings

Test Type: Entrustment test



National Research Center of Testing Techniques
for Building Materials





国家建筑材料测试中心


(National Research Center of Testing Techniques for Building Materials) 6000586P

检验报告

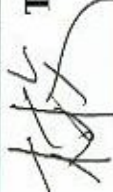
正本


No. 200920078-1

Page1 Total 2 Pages

Sample name	aluminium panels with fluorocarbon coatings	Test type	entrustment testing
Applicant	FOSHAN GAOLI ALUMINIUM INDUSTRY CO.,LTD	Sample number	—
Manufacturer	The same to the applicant	Brand	GLOBOND
Date of produce	February 10, 2009	Model/Size	3 coats
Accepting date	February 19, 2009	Batch No.	—
Sample state	Protecting film is ok	Sample amount	75mm × 150mm 20 pieces 300mm × 300mm 4 pieces
Test standard	JG/T 133-2000, Fluorocarbon coatings on architectural aluminum extrusions and panels		
Test items	appearance quality、specular gloss、average dry film thickness、color uniformity、dry film hardness、impact resistance、abrasion resistance、film adhesion、chemical resistance		
conclusion	According to JG/T 133-2000, all the tested items are satisfied with the requirement.		
note: (blank)	 <p>Date of issued: March 04, 2009 (Seal)</p>		

Approved by: 

Verified by: 

Tested by: 

国家建筑材料测试中心

(National Research Center of Testing Techniques for Building Materials)

检验报告

(Test Report)

正本

No. 200920078-1

Page 2 Total 2 Pages

No	test item	standard index	test value	single item determination
1.	appearance quality	no flow lines	no flow lines	eligible
		no streaks	no streaks	eligible
		no blisters	no blisters	eligible
2.	coating thickness	no foreign substance	no foreign substance	eligible
		no other surface imperfections	no other surface imperfections	eligible
3.	aberration	3 coats $\geq 40 \mu\text{m}$	meanvalue $61 \mu\text{m}$ min. $55 \mu\text{m}$	eligible
4.	dry-film hardness	indistinct or $\Delta E \leq 2$	indistinct, $\Delta E = 0.29$	eligible
5.	gloss value	$\geq \text{HB}$	2H	eligible
6.	impact resistance	manufacture's apification ± 5	23.3	—
		50kg · cm, no removal of film from substrate	50kg · cm, no removal of film from substrate	eligible
7.	abrasion resistance	$> 5\text{L}/\mu\text{m}$	5.0L/ μm	eligible
		grade 0	grade 0	eligible
8.	film adhesion	wet adhesion	grade 0	eligible
		boiling water adhesion	grade 0	eligible
		hydrochloric acid resistance	15min ,drips, no blistering, no visual change	no test
9.	chemical resistance	nitric acid resistance	$\Delta E \leq 6$	—
		mortar resistance	no change	—
		detergent resistance	no blistering, no los of adhesion of the film	no test
10.	corrosion resistance	humidity resistance	no lower than grade 2	—
		salty spray resistance	no lower than grade 2	—
11.	artificial weathering	colour retention	$\Delta E \leq 3$ (2000h)	—
		chalk resistance	grade 0	—
		gloss retention	no lower than grade 2	—
Remarks: (blank)				

Verified by: 林松

Tested by: Zhang

检验单位地址: 北京市朝阳区管庄中国建材院南楼 电话: 010-65715369 邮编: 100024

材料 检验章