



TEST REPORT

No. : GZIN161102145CCM

Date : Dec. 09, 2016

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CLIENT NAME: JIANGSU PIVOT NEW DECORATIVE MATERIALS CO., LTD.
ADDRESS: PIVOT INDUSTRIAL PARK, HUASHI, JIANGYIN, JIANGSU, CHINA

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : Aluminum composite panel
Spec. : FEVE
SGS Ref. No. : GZIN161102145CCM
Manufacturer : JIANGSU PIVOT NEW DECORATIVE MATERIALS CO., LTD.
Test Performed : Selected test(s) as requested by applicant
Date of Receipt : Nov. 22, 2016
Test Period : Nov. 23, 2016 to Dec. 02, 2016

Test result(s) : Please refer to the following page(s)

*****To be continued*****

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd
Guangzhou Branch

Jay Xue
Authorized signatory

** Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. The report should not be reproduced except in full without written approval from the Company



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Service Construction Material Laboratory

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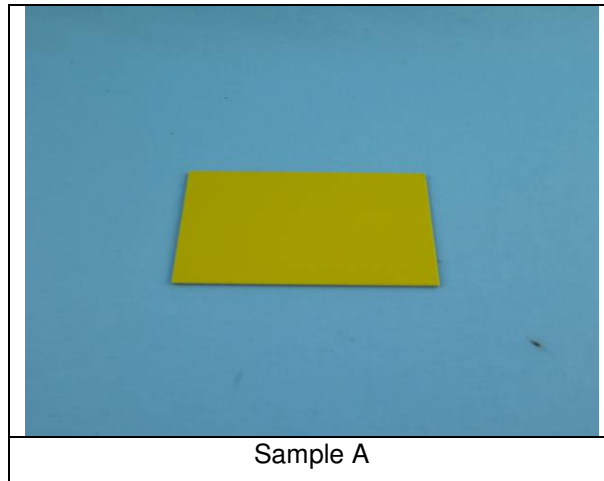
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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Effect of Household Chemicals	ASTM D1308-02(2013)	Appearance: Visible discoloring but no other visual change	/
2	Muriatic Acid Resistance	AAMA 2605-13 Section 8.7.1	Appearance: No visual change	Pass
3	Nitric Acid Resistance	AAMA 2605-13 Section 8.7.3 & ASTM D2244-16	$\Delta E_h = 0.1$	Pass

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/: Not Apply to the judgment.

Original Sample Photo:



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1. Test Item: Effect of Household Chemicals

Sample Description: Metal part with coating

Test Method: ASTM D1308-02(2013)

Test Condition:

Medium: 5 % (m/m) NaOH

Method of contact: Spot method

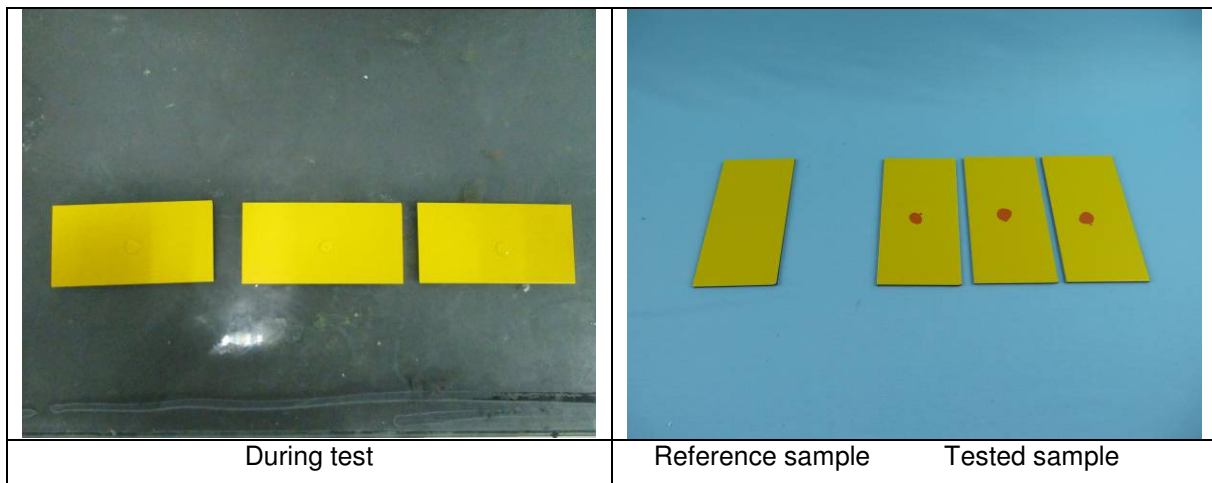
Temperature: Room temperature

Time of contact: 15min

Test Result:

Sample	Appearance
A	Visible discoloring but no other visual change

Test Photo:



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2. Test Item: Muriatic Acid Resistance

Sample Description: Metal product with coating

Test Method: AAMA 2605-13 Section 8.7.1

Test Condition:

Medium: 10 %(V/V) HCl

Method of contact: Spot method

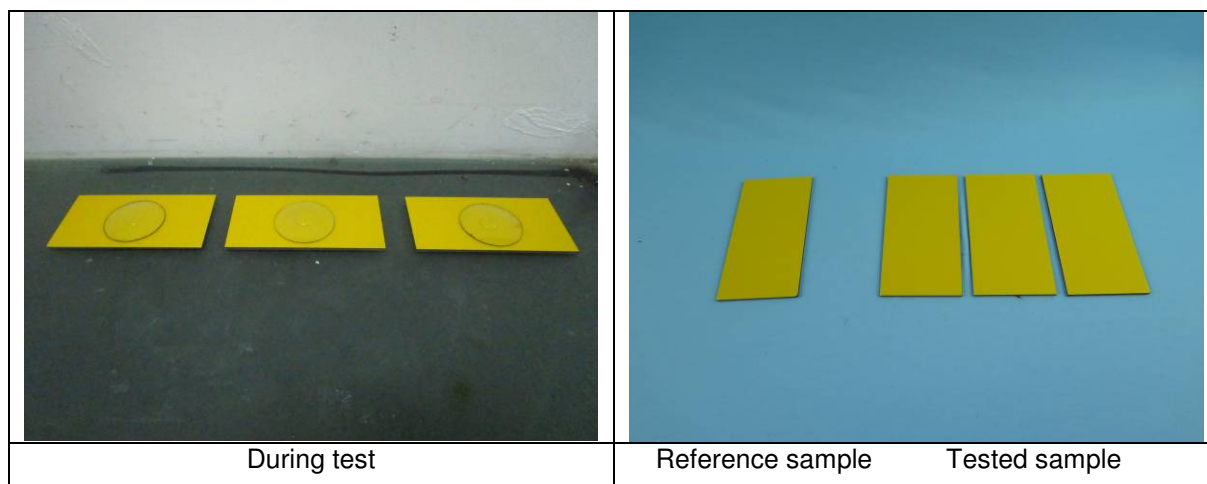
Temperature: Room temperature

Time of contact: 15min

Test Result:

Sample	Appearance	Requirement of AAMA 2605-13	Conclusion
A	No visual change	No blistering or other visual change	Pass

Test Photo:



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3. Test Item: Nitric Acid Resistance

Sample Description: Metal product with coating

Test Method: AAMA 2605-13 Section 8.7.3 & ASTM D2244-16

Test Condition:

Medium: 70% (m/m) Nitric acid (AR)

Temperature: Room temperature

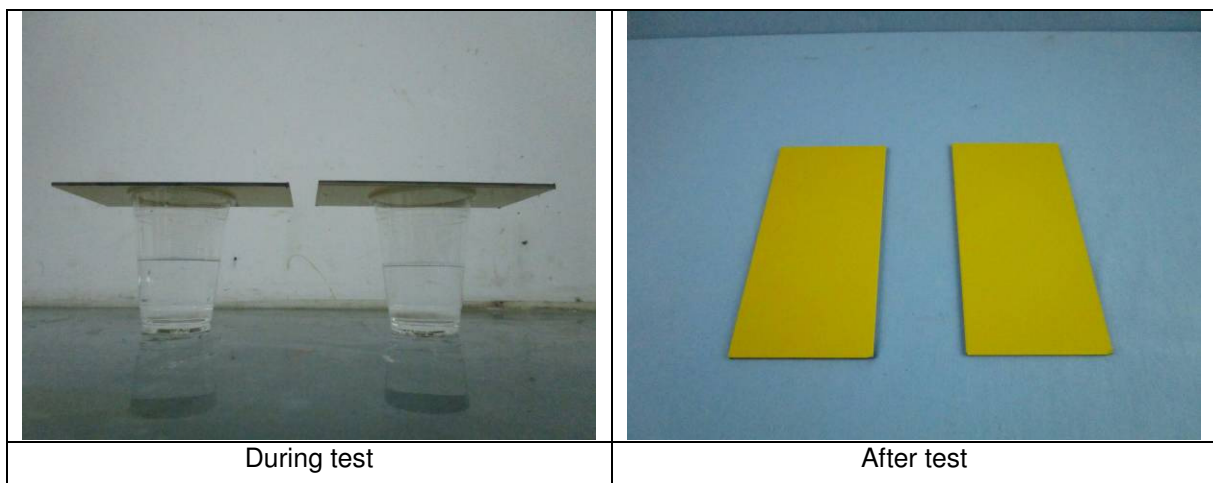
Time of contact: 30min

Test Result:

Sample	Result	Requirement of AAMA 2605-13	Conclusion
A	$\Delta E_h = 0.1$	$\Delta E \leq 5$	Pass

Note: ΔE_h was measured by sphere spectrophotometer, and under D65 standard light source with 10° observer. The results include specular reflection condition, 25mm aperture.

Test Photo:



***** End of report *****