



## TEST REPORT

No. : SP100804721

Date : Sept.10,2010

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JIANGYIN PIVOT DECORATIVE MATERIALS CO.,LTD

PIVOT INDUSTRIAL PARK, 9<sup>TH</sup> HUAXI VILLAGE, HUASHI, JIANGYIN, JIANGSU, CHINA

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

Sample Name : ALUMINIUM COMPOSITE PANEL

Sample No. : SP100804721

Product specification : 2440\*1220\*4MM

Brand : IBond

Test Required : To determine the flammability (building materials class B2) in accordance with  
DIN 4102-1 (May 1998) Fire behaviour of building materials and elements Part 1:  
Classification of building materials, Requirements and testing

Date of Receipt : Aug.23,2010

Test Period : Aug.23,2010 to Sept.10,2010

Test result(s) : For further details, please refer to the following page(s)

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

Signed for SGS-CSTC Standards  
Technical Services (Shanghai) Co., Ltd

Ivy Zhu

Ivy Zhu

Authorized signatory

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## I. Test conducted

This test was conducted as per DIN 4102-1:1998 Clause 6.2. Classification in according to DIN 4102-1 (May 1998) Clause 6.2. Class B2 materials

## II. Sample details

General description	Aluminium Composite Panel
Color / Density	White / 4.1kg/m <sup>2</sup>
Size of Sample	190×90mm×3mm

## Conditioning

Prior to testing, the sample was conditioned at least 14 days to constant mass at a temperature of 23 ± 2 °C, and a relative humidity of 50 ± 6 %.

## III. Test results

Normal Flammability Test according to DIN 4102-1 Clause 6.2

Flame application: [ ☒ ] bottom edge ignition, [ ☐ ] surface ignition

Specimen No.	1	2	3	4	5
Reaching the measuring mark within 20 seconds	No	No	No	No	No
Self extinguishing of the flame (s)	15	15	15	15	15
Max. flame height (cm)	2	2	2	2	2
End of afterflaming (s)	0	0	0	0	0
End of afterglowing (s)	0	0	0	0	0
Molten dripping	No	No	No	No	No
Smoke developments (visual impression)	Slight				

All timings are from start of testing

## Comments:

[ ☒ ] DIN 4102-B2; [ ☐ ] DIN 4102-B3

## Criteria for classification for Class B2 (DIN 4102-1 Clause 6.2.2)

All materials, may be classed as B2 materials if they,

Pass DIN 4102-1 Clause 6.2.3 Ignitability Test

For each specimen, flaming doesn't reach the gage mark within 20s after flame application.

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

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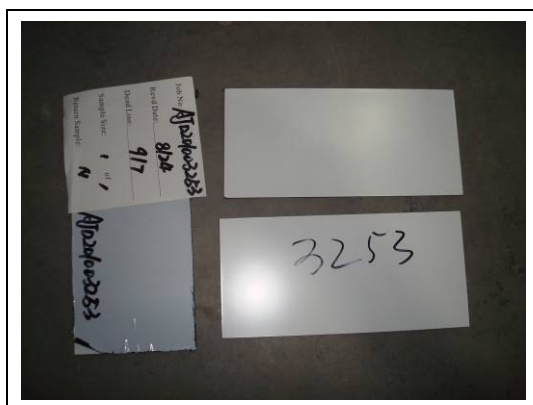
**Conclusion:** The tested sample **meets** the Normal flammability requirements of class B2 of building materials under DIN 4102-1 (May 1998).

### STATEMENTS:

This test report does not replace any mandatory certification of the product that may be required.

The test results relate to the behaviour 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 and smoke hazard of the product in use.

### **Sample Photo:**



- The test was performed by SGS internal laboratory.

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

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