

**Test Report**

No. AJFS1711009986FF

Date: NOV.27, 2017

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**ZHEJIANG SO-FINE SELF-ADHESIVE PRODUCTS CO., LTD**NO.5, WUFU ROAD, TIANZIHU MODERN INDUSTRIAL PARK, ANJI COUNTY, ZHEJIANG PROVINCE,  
CHINA

**This test report is a translation of report No. AJFS1711009986FF\_CN. If any dispute or misunderstanding happens, the Chinese version prevails.**

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

**Sample Description:** WALL DECALS**SGS Ref No.:** HZIN1711002450PS**Test Requested:**

Testing in accordance with GB 50222-1995 (Amendment 2001) Code for fire prevention in design of interior decoration of buildings, Annex A Classification for burning behaviour of decoration materials, A.2.2 Ceiling, Wall and Partition decoration materials, Class B1

**Test Results:** -- See attached sheet --**Test Period:**

Sample Receiving Date : NOV.10, 2017

Test Performing Date : NOV.10, 2017 TO NOV.23, 2017

Signed for and on behalf of  
SGS-CSTC Co., Ltd. Anji Branch



Allen Zou  
Technical Manager



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### I. Test conducted

This test was conducted in accordance with GB 50222-1995 (Amendment 2001) Code for fire prevention in design of interior decoration of buildings, Annex A Classification for burning behaviour of decoration materials, A.2.2 Ceiling, Wall and Partition decoration materials. The test method was GB/T 8625-2005 Test method of difficult-flammability for building materials  
GB/T 8626-2007 Test method of flammability for building materials.

### II. Test result

| Test method                       | Parameter                                      | Specimen | Results |
|-----------------------------------|------------------------------------------------|----------|---------|
| GB/T 8625-2005                    | The residual length(average) (mm)              | 16       | 241     |
|                                   | The max. of the mean effluent temperature (°C) |          | 162.9   |
|                                   | Residual length lower than 0                   |          | No      |
| GB/T 8626-2007<br>Exposure = 15 s | $F_s \leq 150$ mm                              | 6        | Yes     |
|                                   | Ignition of the filter paper                   |          | No      |

### III. Test criteria

#### GB 50222-1995 (Amendment 2001) Annex A.2.2,

Ceiling, Wall and Partition decoration materials, while conducted difficult-flammability test, and met the following conditions, should be classed as **Class B1**,

A 2.2.1 The mean value for the residual length of each specimen is at least 150 mm, and no individual values are lower than 0 cm;

A 2.2.2 The mean effluent temperature does not exceed 200°C in any test;

A 2.2.3 Pass the flammability test criteria

**Conclusion:** The tested sample **meets** the requirements of Class B1 specified in clause A.2.2 of GB 50222-1995 (Amendment 2001).

To be continued...



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### Appendix 1: DIFFICULT-FLAMMABILITY TEST

#### I. Test conducted

This test was conducted as per GB/T 8625: 2005 Test method of difficult-flammability for building materials.

#### II. Sample description

|               |                      |
|---------------|----------------------|
| Description   | Wall Decals          |
| Color         | White                |
| Specimen size | 1000mm×190mm, 16 pcs |

Remark: Wall-fabric was glued onto the metal substrate, which provided by sponsor.

|              |                 |              |              |
|--------------|-----------------|--------------|--------------|
|              | Temperature(°C) | Humidity (%) | Duration (d) |
| Conditioning | 23±2            | 50±5         | >7           |

#### III. Test results

| Test items                                                                                        | set 1 |     |     |     | set 2 |     |     |     | Set 3 |     |     |     | Set 4 |     |     |     |
|---------------------------------------------------------------------------------------------------|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
| The residual length, mm                                                                           | 243   | 208 | 245 | 258 | 244   | 263 | 252 | 258 | 214   | 232 | 228 | 241 | 233   | 252 | 247 | 238 |
| Specimen burning residual length mean value, mm                                                   | 241   |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |
| Average flue gas temperature, °C                                                                  | 164.3 |     |     |     | 160.4 |     |     |     | 164.1 |     |     |     | 162.8 |     |     |     |
| Occurrence of ignition (Yes or No)                                                                | Yes   |     |     |     | Yes   |     |     |     | Yes   |     |     |     | Yes   |     |     |     |
| Occurrence of after glowing after end of test (Yes or No)                                         | No    |     |     |     | No    |     |     |     | No    |     |     |     | No    |     |     |     |
| Any dripping and falling material continued combustion on mesh base for more than 20s (Yes or No) | No    |     |     |     | No    |     |     |     | No    |     |     |     | No    |     |     |     |
| Other observations                                                                                | None  |     |     |     |       |     |     |     |       |     |     |     |       |     |     |     |

To be continued....



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**Appendix 2: FLAMMABILITY TEST**
**I. Test conducted**

This test is conducted as per GB 8626-2007 Test method of flammability for building materials.

**II. Sample description**

|               |                   |
|---------------|-------------------|
| Description   | Wall Decals       |
| Color         | White             |
| Specimen Size | 250mm×90mm, 6 pcs |

Remark: Wall-fabric was glued onto the metal substrate, which provided by sponsor.

|                        |                  |              |              |
|------------------------|------------------|--------------|--------------|
|                        | Temperature (°C) | Humidity (%) | Duration (d) |
| Conditioning           | 23±2             | 50±5         | >7           |
| Flame application time | 15s              |              |              |

**III. Test results**

Surface ignition

|                                          |    |    |    |
|------------------------------------------|----|----|----|
|                                          | 1  | 2  | 3  |
| Occurrence of ignition (Yes/No)          | No | No | No |
| Whether flame reaches150 mm              | No | No | No |
| Time to reach 150 mm (s)                 | -- | -- | -- |
| Ignition of the filter paper (Yes or No) | No | No | No |

Bottom edge ignition

|                                          |     |     |     |
|------------------------------------------|-----|-----|-----|
|                                          | 1   | 2   | 3   |
| Occurrence of ignition (Yes/No)          | Yes | Yes | Yes |
| Whether flame reaches150 mm              | No  | No  | No  |
| Time to reach 150 mm (s)                 | --  | --  | --  |
| Ignition of the filter paper (Yes or No) | No  | No  | No  |

**Remark:** “---” Not reached 150mm

**Statement:** 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 hazard of the product in use.

To be continued....



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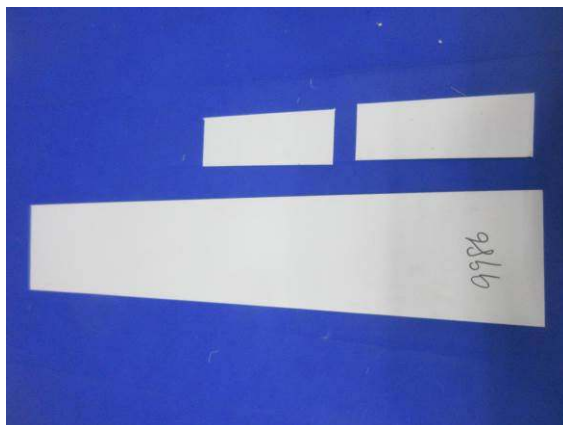
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### Photo Appendix:



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\*\*\* End of Report \*\*\*



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