# TEST REPORT

No.: SDFTS26004119R02_EN Date: Jul 01,2026 

**PDS GROUP AUSTRALIA PTY LTD**

20 WRIGHT PL, ALGESTER QLD 4115 AUSTRALIA

| | | |
|---|---|---|
| **Sample Description** | : | SPC COMPOSITE WALL PANEL |
| **Product Specification** | : | VARY SIZES |

The above sample(s) data and information was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

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| | | |
|---|---|---|
| **SGS Ref. No.** | : | SZIN2606001527PL05 |
| **Sample Receiving Date** | : | Jun 08,2026 |
| **Testing Period** | : | Jun 08,2026 to Jun 24,2026 |
| **Test Required** | : | AS 5637.1:2015 Determination of fire hazard properties Part 1: Wall and ceiling linings, Prediction<br>And the test method is according to AS/NZS 3837:1998+A1:2012(R2016) Method of Test for Heat and Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter. |
| **Test result(s)** | : | See attached sheet |

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

Ada

Ada Liu
Approved signatory

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## I. Sample details

| | |
|---|---|
| Sample description | Plastic sheet |
| Thickness | 2.6mm |
| Density | 6.28kg/m$^2$ |
| Test face | Smooth surface |

## II. Test conducted

The fire test was conducted in accordance with AS/NZS 3837:1998+A1:2012(R2016) Method of Test for Heat and Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter.

## III. Test Result

To determine a group number of a material by prediction, the material was tested to AS/NZS 3837, and the prediction results as follows:

| | | 1 | 2 | 3 |
|---|---|---|---|---|
| Step 1: Determine time to 50 kW/m$^2$ ($t_{50}$)/s | | 201.2 | 178.9 | 235.5 |
| Step 2: Calculate the ignitability index ($I_{ig}$) | | 0.298 | 0.335 | 0.255 |
| Step 3: Calculate the two HRR indices | $I_{Q1}$ | 4977.4 | 5190.1 | 4477.7 |
| | $I_{Q2}$ | 1214.3 | 1194.6 | 1168.5 |
| Step 4: Calculate the following three integral limits | $I_{Q,10min}$ | 6639 | 6619 | 6662 |
| | $I_{Q,2min}$ | 2426 | 2420 | 2433 |
| | $I_{Q,12min}$ | 1601 | 1595 | 1608 |
| **Group Number** | | **1** | **1** | **1** |

NA---Material fails to ignite and fails to achieve a heat release rate of 50 kW/m$^2$.

NA---Material was ignited but fails to achieve a heat release rate of 50 kW/m$^2$.

## IV. Conclusion

According to predicted flashover times requirements, the sample assigned as **Group Number 1**.

Average specific extinction area (ASEA) = 475.1 m$^2$/ kg

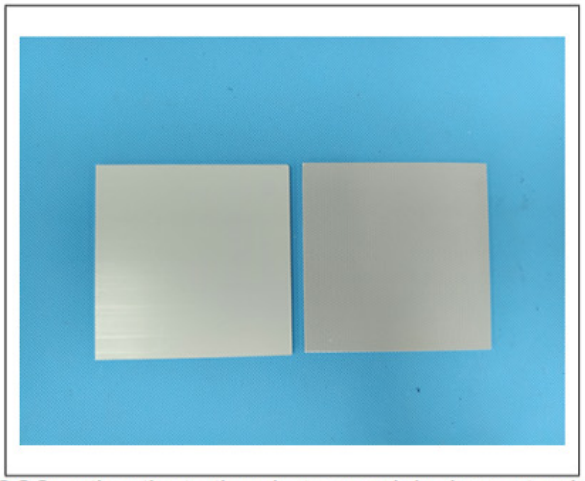
**Predicted flashover times requirements** (According to AS 5637.1:2015 clause 8)

| Integral limits | Predicted flashover time for each replicate | **Group number** |
|---|---|---|
| $I_{Q1} > I_{Q,10min}$ and $I_{Q2} > I_{Q,2min}$ | Before 2 min | **4** |
| $I_{Q1} > I_{Q,10min}$ and $I_{Q2} \leq I_{Q,2min}$ | Between 2 and 10 min | **3** |
| $I_{Q1} \leq I_{Q,10min}$ and $I_{Q2} > I_{Q,12min}$ | Between 10 and 20 min | **2** |
| $I_{Q1} \leq I_{Q,10min}$ and $I_{Q2} \leq I_{Q,12min}$ | No flashover within 20 min | **1** |
| Material fails to ignite or attain a heat release rate of 50 kW/m$^2$ | No flashover within 20 min | **1** |

**Statement:**

This report was valid to test the particular material or system in the cone calorimeter for the assignment of NCC group number.

**Photo Appendix:**



SGS authenticate the photo on original report only

Remark:

1. AS 5637.1 is not within CNAS accreditation testing scope of the lab.

2. This test report is issued based on the modification of the original No. SDFTS26004119R01_EN test report issued on Jun 24,2026. And the original report is still valid. According to applicant's requirements, following changes are included:
a. Change of applicant's name.
b. Change of applicant's address.

***End of Report***