



中国认可
国际互认
检测
TESTING
CNAS L7877

TEST REPORT

No.: SDFTS26004119R02_EN

Date: Jul 01,2026

Page 1 of 3

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.

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

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Member of the SGS Group (SGS SA)

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/m².

NA---Material was ignited but fails to achieve a heat release rate of 50 kW/m².

IV. Conclusion

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

Average specific extinction area (ASEA) = 475.1 m²/ kg



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Member of the SGS Group (SGS SA)

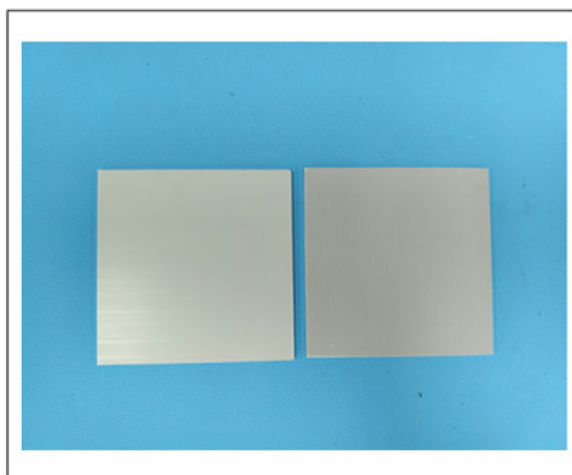
Predicted flashover times requirements (According to AS 5637.1:2015 clause 8)

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:

- AS 5637.1 is not within CNAS accreditation testing scope of the lab.
- 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:
 - Change of applicant's name.
 - Change of applicant's address.

End of Report



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Member of the SGS Group (SGS SA)