



中国认可
国际互认
检测
TESTING
CNAS L7877

TEST REPORT

No.: SDFTS26004120R02_EN

Date: Jul 01,2026

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PDS GROUP AUSTRALIA PTY LTD

20 WRIGHT PL, ALGESTER QLD 4115 AUSTRALIA

Sample Description : FLEXIBLE STONE 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. : SZIN2606001527PL06

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

Scan to see the report



SDFTS26004120R02

Verification:
check.sgsonline.com.cn

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I. Sample details

Sample description	Composite panel
Thickness	1.8-4.7mm
Density	Irregular shape
Test face	Concave-convex 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	113.0	131.6	128.5
Step 2: Calculate the ignitability index (I _{ig})	0.531	0.456	0.467
Step 3: Calculate the two HRR indices	I _{Q1}	2463.2	2750.6
	I _{Q2}	1142.0	1166.6
Step 4: Calculate the following three integral limits	I _{Q,10min}	6513	6554
	I _{Q,2min}	2387	2400
	I _{Q,12min}	1562	1575
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) = 189.6 m²/kg



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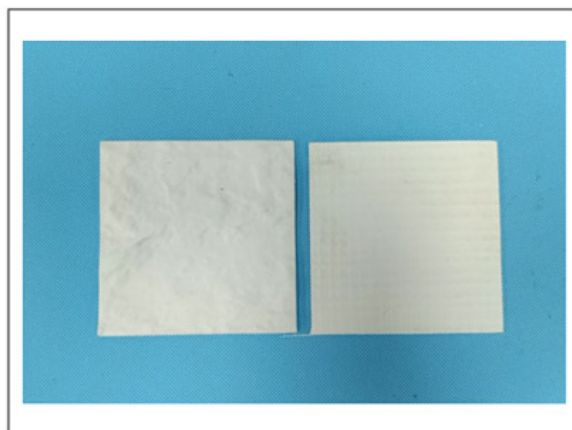
Predicted flashover times requirements (According to AS 5637.1:2015 clause 8)

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. SDFTS26004120R01_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



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