



Test Report

No.SDHL2011029790FB-01

Date: Nov 30, 2020

Page 1 of 3

VISIONPLUS BUILDING MATERIALS PTY LTD
87 SOUTH TERRACE, ADELAIDE AUSTRALIA 5000

Sample Description : GRC
Manufacturer : TONGCHUANG

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : SDFS2011007433FF
Sample Receiving Date : Nov 17, 2020
Test Performing Date : Nov 17, 2020 to Nov 25, 2020
Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	AS 1530.1-1994 R2016 Methods for fire tests on building materials components and structures Part 1: Combustibility test for materials	NOT DEEMED COMBUSTIBLE	/
For further details, please refer to the following page(s)			

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

Heather Meng
Authorized 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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shunde Branch Harbin

1F, 1st Building European Industrial Park, No. 1 Shunde South Road, Wusha Section, Daliang Town, Shunde, Foshan, Guangdong, China 528333 t (86-757) 22805888 f (86-757) 22805858 www.sgs.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号楼首层 邮编: 528333 t (86-757) 22805888 f (86-757) 22805858 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Test Conducted:

This test is conducted accordance with AS 1530.1-1994 R2016 Methods for fire tests on building materials, components and structures Part1: Combustibility test for materials.

I. Sample description:

Thickness of single specimen	About 10 mm
Specimen size	Diameter: 46 mm; Height: 50 mm

Remark: Tested specimen consisted of 5 layers of provided sample.

II. Conditioning:

Oven Temperature	(60±5)°C
Duration	24h

Remark: The specimen shall be conditioned in a ventilated oven maintained at (60 ±5)°C for between 20 h and 24 h, and cooled to ambient temperature in a desiccator prior to testing.

III. Criteria of combustibility:

A material shall be deemed to be combustible under any of the following circumstances:

- The mean duration of sustained flaming is other than zero.
- The mean furnace thermocouple temperature rise exceeds 50°C.
- The mean specimen surface thermocouple temperature rise exceeds 50°C

IV. Test results:

No.	Temperature rise			* Total duration of sustained flaming (s)	Mass loss (%)
	ΔT_f (°C)	ΔT_c (°C)	ΔT_s (°C)		
1	31.6	-3.3	39.8	0	17.4
2	29.7	-0.3	37.7	0	16.6
3	30.7	-1.1	33.7	0	16.6
4	34.4	-10.4	38.7	0	17.7
5	32.9	-6.1	37.3	0	16.1
Average	31.9	-4.2	37.4	0	16.9

Remark:

ΔT_f – Furnace thermocouple temperature rise

ΔT_c – Specimen centre thermocouple temperature rise

ΔT_s – Specimen surface thermocouple temperature rise

* calculate and record the mean duration of sustained flaming which is obtained by summing all the individual durations of flaming for 5s or longer and dividing by five.

V. Combustibility: NOT DEEMED COMBUSTIBLE



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Guangzhou Technical Services Co., Ltd.
Shunde Branch

15/F, Building European Industrial Park No.1 Shunde South Road, Wusha Section, Daifang Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgs.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号楼首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com

STATEMENTS:

These test results relate only to the behavior of the test specimens of the material under the particular conditions of the test, and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

Photo Appendix:



Remark: This test report is to supersede No. SDHL2011029790FB test report which was issued on Nov 25, 2020. And the original test reports (paper and electronic) are invalid.

End of Report



SGS-CSTC Shunde Branch
Shunde Branch Headlines

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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

1/F, 1 Building, European Industrial Park, No.1 Shunde South Road, Wusha Section, Daliang Town, Shunde, Foshan, Guangdong, China 528333 t (86-757)22805888 f (86-757)22805858 www.sgsgroup.com.cn
中国·广东·佛山市顺德区大良街道办事处五沙顺和南路1号欧洲工业园一号楼首层 邮编: 528333 t (86-757)22805888 f (86-757)22805858 e sgs.china@sgs.com