Report No.: CBT6061672371

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TEST REPORT

Foshan Senmeige Building Materials Co., Ltd.	
No. 2, Lane 1, Chongkou St., Hesun Community, Lishui Town, Nanhai District, Foshan City	
Models	CGS 18/25/36/40 mm Grade A
Product Name:	Aluminum Honeycomb Composite Panel
Test Standard:	GB 8624-2012 Classification of Combustion Performance for Building Materials and Products
Report Number:	CBT6061672371
Test Date:	May.07, 2026 to Jun.02, 2026
Prepared By:	**Guangdong Baotong Quality Inspection Co.,Ltd.** Room 802,Building 22,CIMC Intelligent Manufacturing Center,No.15.Shunye West Road,Xingtan,Shunde District.Foshan,Guangdong.China
Date of issue	Jun.02, 2026

Tested by: Reviewer: Approved:

TEST REPORT	
Applicant	
name..... :	Foshan Senmeige Building Materials Co., Ltd.
Address..... :	No. 2, Lane 1, Chongkou St., Hesun Community, Lishui Town, Nanhai District, Foshan City
Test specification:	
Standard..... :	GB 8624-2012 Classification of Combustion Performance for Building Materials and Products
Test procedure..... :	Commissioned Test
Non-standard test method……:	N/A
Test item	
Description..... :	Aluminum Honeycomb Composite Panel
Model and/or type reference..... :	CGS 18/25/36/40 mm Grade A
Additional model..... :	/
Trade mark ..... :	/
Manufacturer ..... :	Foshan Senmeige Building Materials Co., Ltd.
Address ……:	/
Test item particulars	
Classification of installation and use:	N/A
Supply Connection..... :	N/A
Possible test case verdicts	
- test case does not apply to the test object :	N(.A)
- test object does meet the requirement :	P(Pass)
- test object does not meet the requirement :	F(Fail)

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Test Results						
No.	Test Category	Test Item	Test request	Test Result	Conclusion	Test Standard
1	Burning Behavior (Class A2-s1,d0)	Heat Value of Main Component (Metal Panel)	≤3.0MJ/kg	0MJ/kg	P	GB/T 14402-2007
		Heat Value of Main Component (Aluminum Honeycomb)	≤3.0MJ/kg	0MJ/kg	P	GB/T 14402-2007
		Heat Value of Internal Secondary Component (Adhesive)	≤4.0MJ/m²	1.8MJ/m²	P	GB/T 14402-2007
		Heat Value of Internal Secondary Component (Adhesive)	≤4.0MJ/m²	1.7MJ/m²	P	GB/T 14402-2007
		Total Heat of Combustion	≤3.0MJ/kg	0.7MJ/kg	P	GB/T 14402-2007
		Fire Growth Rate Index ($FIGRA_{0.2MJ}$)	≤120W/s	30W/s	P	GB/T 20284-2006
		Total Heat Release within 600s (THR_{600s})	≤7.5MJ	1.2MJ	P	GB/T 20284-2006
		Lateral Flame Spread	Did not reach long wing edge of specimen	Did not reach long wing edge of specimen	P	GB/T 20284-2006
		Smoke Growth Rate Index (SMOGRA)	≤30m²/s²	0m²/s²	P	GB/T 20284-2006
		Total Smoke Production within 600s (TSP_{600s})	≤50m²	29m²	P	GB/T 20284-2006
		Burning Droplets/Particles	No burning droplets/particles within 600s	No burning droplets/particles within 600s	P	GB/T 20284-2006
Sample Installation Instructions		1. The specimen was installed in accordance with clause 5.2.2 b) of GB/T 20284-2006 2.The backing board used for specimen installation was 25mm thick, with dimensions 1500mm×1000mm and 1500mm×570mm 3.The fire-exposed surface of the specimen was the decorative surface				

Remark:
The results of this test relate only to the performance of the product specimen under the specific test conditions and shall not be used as the sole basis for assessing the potential fire hazard of the product in actual use.

******END OF REPORT******