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CNAS L0690

TEST REPORT

Report No.: WT2023B03C01185E

Entrusted by: Shanghai Huayuan New Composite Materials Co.,Ltd

Sample Name: Multi-Layer Aluminum Honeycomb Panel

Test Type: Entrustment test

China Testing & Certification International Group Co.,Ltd.
National Research Center of Testing Techniques for
Building Materials



WT2023B03C01185



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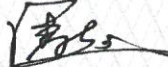
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Sample(s) Name	Multi-Layer Aluminum Honeycomb Panel	Test Type	Entrustment test
Client	Shanghai Huayuan New Composite Materials Co.,Ltd	Brand	ALUCOBEST
Manufacturer	Shanghai Huayuan New Composite Materials Co.,Ltd	Sample State	Meet the requirements of testing
Receiving Date	August 23, 2023	Quantity of sample(s)	1500mm×1000mm 3pcs; 1500mm×500mm 3 pcs; 250mm×90mm 12 pcs; 400mm×20mm 6 pcs
Production Date	—	Model/Size	1220mm×2750mm 18mm -0.3mm /0.3mm -4mm×0.05mm
Test Method(s)	The method for the test items are detailed in the data page(s).	Test Date	August 31 - September 19, 2023
Judgment Standard(s)	GB 8624-2012 Classification for burning behavior of building materials and products		
Test Item(s)	1、 Burning behavior B ₁ (B-s ₁ ,d ₀ ,t ₀)		
Test Result(s)	<div>* According to GB 8624-2012, test results of burning behavior comply with the requirements of building materials and products with Class B₁ (B-s₁,d₀,t₀) . Test results are shown in data page.*</div> <div>Date of issue: 2023-09-20 (Seal)</div>		
Remarks: (provided by the client) Multi-layer aluminum honeycomb panel: total thickness 18mm, surface aluminum 0.3mm, bottom aluminum 0.3mm, honeycomb core 4mm×4mm×0.05mm.			

Approved by 宇建伟 Checked by  Compiled by 

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No.	Test Items		Requirements of Standard	Test Results	Individual Conclusion	Test methods
1	Burning behavior ClassB ₁ (B-s1, d0,t0)	Fs within 60s	≤150mm	< 150mm	pass	GB/T 8626-2007
		Flaming debris ignition filter paper within 60s	No flaming debris ignition filter paper	No flaming debris ignition filter paper	pass	
		FIGRA _{0.2MJ}	≤120W/s	16W/s	pass	GB/T 20284-2006
		THR _{600s}	≤7.5MJ	2.2MJ	pass	
		LFS	Not reached the test wing edge	Not reached the test wing edge	pass	
		Flaming droplets/particles	No flaming droplets/ particles within 600 s	No flaming droplets/ particles within 600 s	pass	
		TSP _{600s}	≤50m ²	16m ²	pass	
		SMOGRA	≤30m ² /s ²	0m ² /s ²	pass	
		Smoke toxicity	Reach Quasi Security level-one ZA ₁	Reach Quasi Security level-one ZA ₁	pass	GB/T 20285-2006
Installation		1. The samples shall be installed in accordance with Article 5.2.2 b) of GB / T 20284-2006 . 2. Sample back plate for the thickness of 12mm, the density of 800kg / m ³ of calcium silicate board . 3. Test specimen surface by the fire is the decorative surface .				
Remarks: 1、Single combustion detection location: Miyun; Other project detection locations: Guanzhuang. 2、The test results relate to the behavior of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.						

End of the Report

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