



TEST REPORT

No:SHS22060162-01E

Sample Name : wood veneer, ecological wood, Integrated wall panel
Applicant :
Test type : Consignment test



ICAS TESTING TECHNOLOGY SERVICE (SHANGHAI) CO.,LTD





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Applicant :

Address :

Sample Information

Sample Name : wood veneer, ecological wood, Integrated wall panel
Sample Type/Specification : 1500*1000mm
Sample Qty. : 1 set
Sample acquisition method : Sent by client

Above information and sample(s) was/were submitted and certified by/on behalf of the applicant. ICAS was not responsible for the authenticity of the sample, and quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

Sample No. : S22060162-01
Date of Sample Received : 2022-06-14
Sample Test Period : 2022-06-14~2022-06-24

Test content:

Test address : 155 Pingbei Rd,Minhang District, Shanghai.
Test item(s) : Please refer to next page(s).
Test Method(s) : Please refer to next page(s).
Decision basis : Please refer to next page(s).
Test Results : Please refer to next page(s).

ICAS TESTING TECHNOLOGY SERVICE (SHANGHAI) Co., LTD

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ICAS TESTING TECHNOLOGY SERVICE (SHANGHAI) CO., LTD

NCA 2228475



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Test Result(s):

1. Formaldehyde release amount

Reference to : According to the client's requirements

Test Items	Methods	Unit	Detection limit (s)	Results	Client's limit	Conclusion
Formaldehyde release amount	GB/T 17657-2013 4.59	mg/L	0.50	N.D.	$E_0 \leq 0.5$	pass

Note: 1.N.D.=Not detected (<Detection limit(s));

2.Client's limit provided by the client.

2. Shaw hardness

Test equipment:

Equipment Name	Equipment number	validity of calibration
Shore hardness tester D	E-010-01ITD	2023/1/23
Electronic stopwatch	E-085-01ITD	2022/7/9

Test Results:

Test item	Test Method	Test Conditions	Test results
Shaw hardness	GB/T 2411-2008	Adjust at $(23 \pm 2)^\circ\text{C}$ and $(50 \pm 5)\% \text{RH}$ for 24h. Reading time: 15s	32.8HD



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3. Fireproof B1 level

Test method : GB/T 20284-2006, GB/T 8626-2007

Detection method : GB 8624-2012 《Classification of combustion performance of building products and materials》

After testing, the combustion performance of the product meets the requirements of B1 (C), and the

Test Result : additional grade meets the requirements of s1 and d0.

According to GB 8624-2012, the combustion performance of the product reaches B1 (C-s1, d0) level.

Number	Test Items	Standard values	Detection result	Test method	Conclusion	
1	Combustion growth rate index FIGRA _{0.2MJ} , W/s	/	212.0	GB/T 20284-2006	/	
	Combustion growth rate index FIGRA _{0.4MJ} , W/s	≤250	212.0		PASS	
	Total heat release within 600s THR _{600s} , MJ	≤15	10.3		PASS	
	Whether the flame spreads horizontally to the edge, LFS	< Sample edge	< Sample edge		PASS	
2	Smoke generation rate index SMOGRA, m ² /s ²	≤30	25.4	GB/T 20284-2006	PASS s1	
	Total smoke production within 600s TSP _{600s} , m ²	≤50	45.8	GB/T 20284-2006	PASS s1	
3	Burning of the drops / particles	Is there burning fallen objects/particle within 600s	NO	NO	GB/T 20284-2006	PASS d0
4	Flammability	Ignition time: Flame tip height Fs within 30s.60s, mm	≤150	≤150	GB/T 8627-2007	PASS
		Is there any burning droplet igniting the filter paper within 60s seconds	NO	NO		PASS

Note: 1.the test results are only relevant to the performance of the sample under specific text conditions. The test results cannot be use as the sole the basis for evaluating the potential fire hazard of the protect under actual conditions of use.

2.The installation of the single combustion test specimen is carried out in accordance with the requirements of GB/T 20284--2006 5.2.2 a. The specimen is self-supporting and does not require support. Only the upper and lower ends need to be fixed for testing.

3.The flammability test specimens shall be installed in accordance with the requirements of GB/T 8626-2007 5.2.



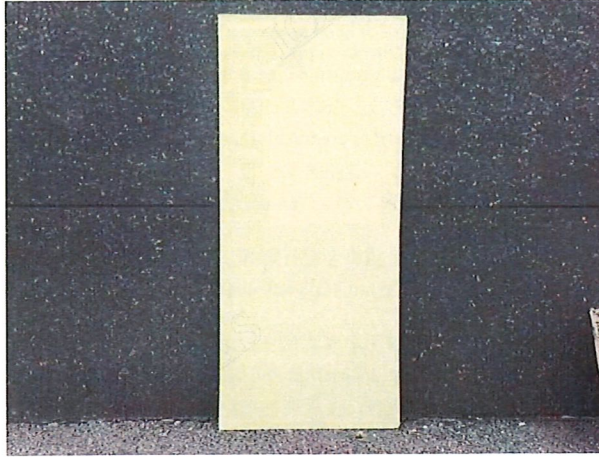
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Sample Photo(s)



This photo is limited to ICAS used this report

End of the report



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