



Report No.:

SHC20091215-01E

Date:

2020-11-09

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Applicant

ANHUI YANGZI FLOORING INCORPORATED COMPANY

Address

NO. 98 WEST GARDEN ROAD, CHUZHOU 239000, ANHUI, CHINA

Sample Information

Sample Name

: Stone wood flooring (MGO flooring)

Sample Type/Specification

1200×160×7mm

Sample Qty.

: 1

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.

C20091215-01

Date of Sample Received

2020-09-27

Sample Test Period

: 2020-09-27~2020-11-06

Test content:

Test item(s)

: Please refer to next page(s).

Test Method(s)

: Please refer to next page(s).

Prepared by:

林兴

Reviewed by

3fwd

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Approved by:

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英格尔检测技术服务(上海)有限公司 ICAS TESTING TECHNOLOGY SERVICE (SHANGHAI) CO., LTD

NCA0408776





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Test Results:

Sample Description: solid

Test items	Test Method	Test Condition	Test Results	
Flexural strength	GB/T 33544-2017	1	16.9MPa	
Dip peeling	GB/T 18103-2013	/	qualified	
Paint film adhesion	GB/T 18103-2013	/	No peeling	
Surface wear resistance (P180 emery cloth,4.9N,100r)	GB/T 18103-2013	/	0.065g/100r, the paint film is not worn through	
Impact strength	Reference GB/T 1043.1-2008	Adjusted at $(23\pm2)^{\circ}$ C and $(50\pm5)^{\circ}$ %, 96h Impact of simply supported beam; The penetration layer Nominal energy of the pendulum: 7.5j	11.53kJ/m²	
Paint film hardness	GB/T 6739-2006	Adjusted at (23±2)°C and (50±5)%, 96h Pencil Brand: Zhonghua; Load: 750 g Angle: 45°; Moving speed: 0.5mm/s~1mm/s Moving distance: 7mm	2Н	
Apparent density	GB/T 33544-2017 JC/T 646-2006	The sample was dried at 50°C to a constant weight for 24h, then its mass was weighed and its size was measured	1252.16kg/m³	
Water absorption thickness expansion rate	GB/T 18102-2007	The sample was immersed in 20°C water for 24h	1.16%	

Note:

2.Formaldehyde emission

Test items	Test Method	Unit	Limit	Test Results	MDL
Formaldehyde	GB 18580-2017	mg/m³	E₁≤0.124	N.D.	0.01
emission					

Note:

1.N.D.=Not detected = Less than MDL.

2. The limit value derives from GB 18580-2017

^{1.} Non-standard size of impact strength item sample, data for reference only





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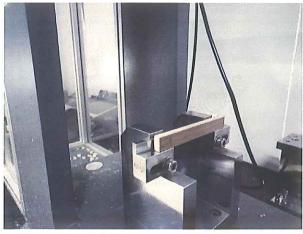
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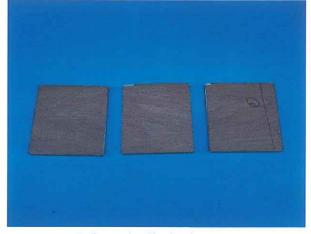
Before impact strength test



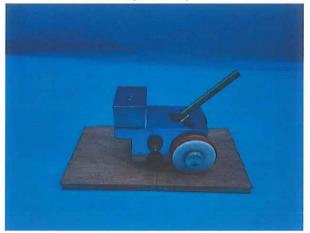
During impact strength test



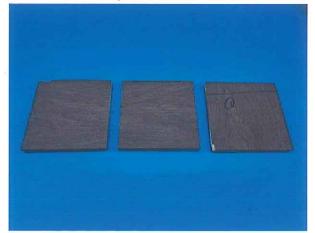
After impact strength test



Before paint film hardness test



During paint film hardness test



After paint film hardness test





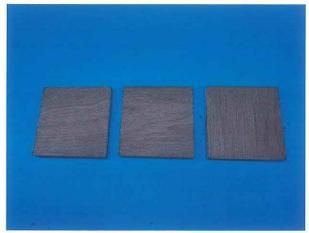
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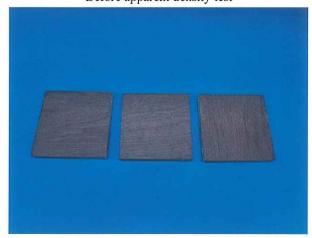
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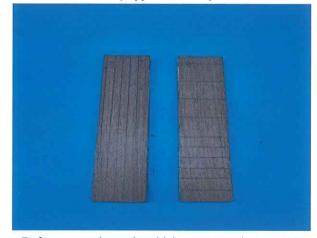
Before apparent density test



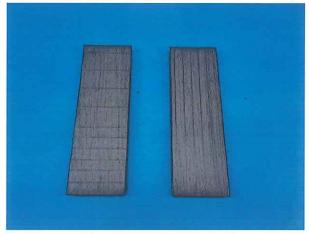
During apparent density test



After apparent density test



Before water absorption thickness expansion rate test



After water absorption thickness expansion rate test





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Sample Photo





This photo is limited to ICAS used this report

***End of the report



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