



# TEST REPORT

Report No.: SHC20090742-01E

Date: 2020-09-30

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Applicant : ANHUI YANGZI FLOORING INCORPORATED COMPANY

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

## Sample Information

Sample Name : fast floor tile wallboard

Sample Type/Specification : /

Sample Qty. : 1 piece

Sample status : Solid

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. : C20090742-01

Date of Sample Received : 2020-09-17

Sample Test Period : 2020-09-17~2020-09-30

## Test content:

Test Items : Please refer to next page(s).

Test Methods : Please refer to next page(s).

Test Results : Please refer to next page(s).

Prepared by:

(Xixi Weng)

Reviewed by:

(Daniel Zhao  
Jinjie Zhang)

Approved by:

(Authorized signatory:  
Juan Han Tao Wu)



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## 1. Chemical results:

Test Items	Test Method	Unit	MDL	Test Result
Formaldehyde emission	GB/T 18102-2007	mg/L	0.50	N.D.

Note: I.N.D.= Not detected ,less than MDL.

## 2. Physical results:

### Test Instrument:

Name of Test Equipment	Equipment Number
High temperature oven	E-001-01ITD
Temperature and humidity box	E-022-03ITD
Portable resistance tester	E-046-01ITD

Test items	Test Method	Test Condition	Test Results
Water absorption thickness expansion rate	GB/T 18102-2007	The sample thickness was measured. The specimen was immersed in a distilled water trough with a temperature of $(20 \pm 1)^\circ\text{C}$ . The specimen was placed in the trough perpendicular to the horizontal plane at a distance between the lower surface of the specimen and the bottom of the trough, and there was a certain gap between the specimens so that they could expand freely. After soaking, take out the specimen, wipe off the surface water and measure the thickness hmm at the original measurement point	0.57%
Heat resisting dimensional stability	LY/T 1700-2018	Draw a center line in the direction of parallel length and width for each specimen. The samples were treated at a temperature of $(20 \pm 2)^\circ\text{C}$ and relative humidity of $(65 \pm 3)\%$ for $(24 \pm 0.25)\text{h}$ , and the length (L) and width (W) of the centerline were measured, accurate to 0.01mm. The test pieces were put into a blast box with a temperature of $(80 \pm 2)^\circ\text{C}$ to ensure the air circulation. After being treated for $(24 \pm 0.25)\text{h}$ , the test pieces were taken out and placed at room temperature. The length (L) and width (W) of the center line at the riser of the original drawing line were measured within 10 min to an accuracy of 0.01mm	Length: 0.13% Width: 0.10%



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Test items	Test Method	Test Condition	Test Results
Wet-resistant dimensional stability	LY/T 1700-2018	Draw a center line parallel to the length and width of J in each specimen. The samples were treated at a temperature of $(20 \pm 2)^{\circ}\text{C}$ and relative humidity of $(65 \pm 3)\%$ for $(24 \pm 0.25)\text{h}$ , and the length (L) and width (W) of the centerline were measured, accurate to 0.01mm. The specimen was placed in a constant temperature and humidity box with a temperature of $(40 \pm 2)^{\circ}\text{C}$ and a relative humidity of $(90 \pm 3)\%$ . After being treated for $(24 \pm 0.25)\text{h}$ , the specimen was taken out and placed at room temperature. The length (L) and width (W) of the center line at the riser of the original drawing line were measured within 10 min to an accuracy of 0.01mm.	Length: 0.06% Width: 0.47%
Resistance value	GB/T 24508-2009	Adjust the test bench support feet so that the test bench is horizontal in all directions. And spray water on the surface of the specimen to form a continuous water film. Adjust the height of the pendulum device so that the distance between the object suspended under the pendulum and the test sample is $(125 \pm 1)\text{mm}$ when the pendulum moves by hand along the swing arc to the highest point. Make three adaptive swings on the pendulum, but do not record readings. Then let the pendulum swing once and record the reading shown on the scale. Repeat this step to get 5 readings.	40





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## Sample Photo(s)



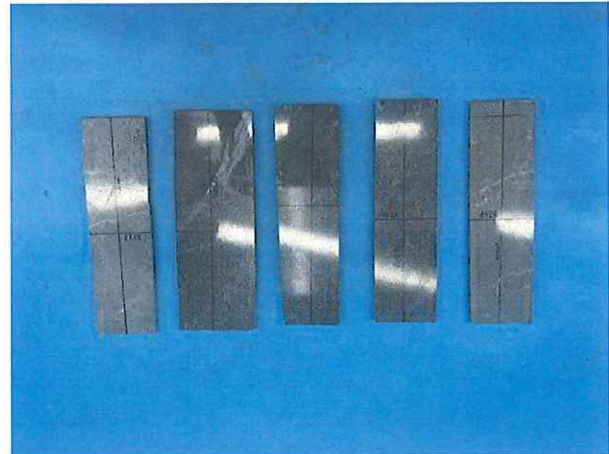
Before the water absorption thickness expansion rate test



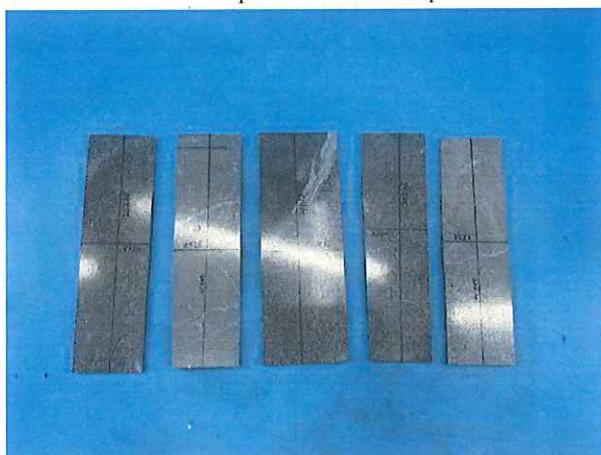
During the water absorption thickness expansion rate test



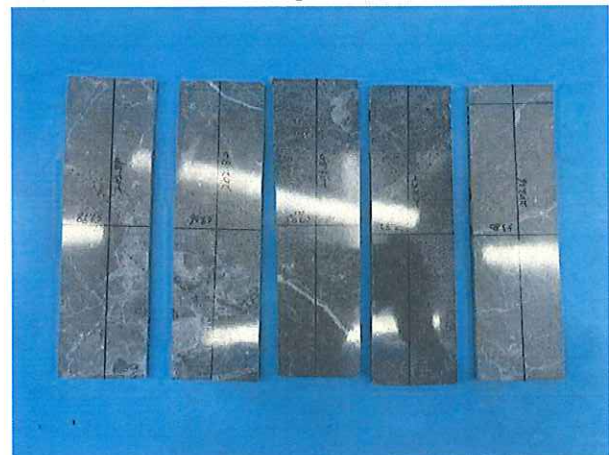
After the water absorption thickness expansion rate test



Before the heat resisting dimensional stability test



After the heat resisting dimensional stability test



Before the wet-resistant dimensional stability test

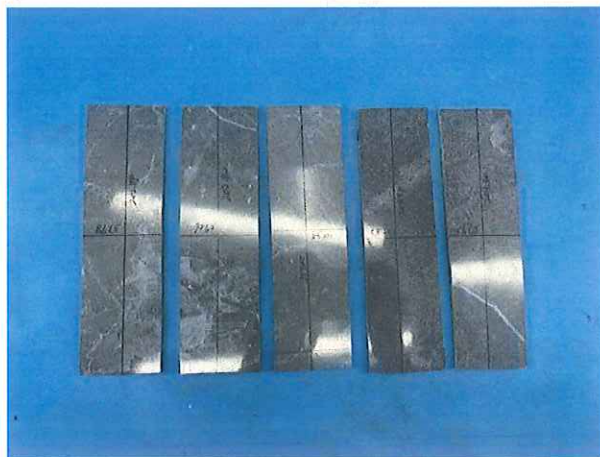


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After the wet-resistant dimensional stability test



Before resistance value test



During resistance value test

This photo is limited to ICAS used this report

\*\*\*End of the report\*\*\*





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