

**Test Report**

No. VNHL1907011672HG

Date: August 07, 2019

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**AN CUONG HIGH-TECH BUILDING MATERIALS JSC**

AN PHAT HI-TECH INDUSTRIAL PARK, HAI DUONG CITY, VIET NAM

HANOI SHOWROOM: 3<sup>RD</sup> FLOOR, NO 285 NGO GIA TU STR., LONG BIEN DIST., HA NOI, VIET NAM

The following sample was submitted and identified on behalf of the client as below:

SGS Job No. : VNHL1907011672HG

Sample Description : ANPRO SPC FLOORING

Buyer : CONG TY CO PHAN VAT LIEU XAY DUNG CONG NGHE CAO AN CUONG

Manufacturer : AN CUONG HIGH-TECH BUILDING MATERIALS JSC

Characteristic : "PVC+BOT DA+PHU GIA"

Country of Origin : VIETNAM

Sample Receiving Date : JULY 12, 2019

Final confirmed Date : JULY 12, 2019

Testing Period : JULY 12, 2019 TO AUGUST 07, 2019

Test Requested : PLEASE REFER TO THE RESULT SUMMARY.

Test Results : PLEASE REFER TO NEXT PAGE(S).

Result Summary :

Test Requested	Conclusion
Smoke Density-ASTM E662	Data / See results

Signed for and on behalf of  
**SGS Vietnam LTD**



**Wong Cho Wing**  
Hardline and E&E Lab Manager

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### Test results:

**Sample description:** ANPRO SPC FLOORING 76.2MM X 76.2MM

#### 1. ASTM E 662-2018

##### I. Test conducted

This test was conducted according to ASTM E 662-2018 Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials.

##### II. Sample details

Sample description	One sample of panel
Color / Thickness	Wood color / About 5.5mm
Dimension	75mm×75mm
Condition prior to testing	Prior to testing, the submitted sample was dried for 48 h at 60±3°C and then 23±3°C and RH 50±5% till constant weight
Irradiance Exposure	2.50±0.05 W/cm <sup>2</sup>
Test face	Wood surface

##### III. Test results

###### 1) Flaming mode

	Test Specimen			Flaming dripping or flaming running	Average
	#1	#2	#3		
Temperature of chamber wall (°C)	37	37	37	NO	
$D_{S1.5}$	52.6	63.4	55.7		57.2
$D_{S4.0}$	220.1	210.9	233.3		221.4
$D_m$	360.9	373.8	371.2		368.6
$t_{D_m}$ (min)	14.8	16.2	16.9		
$Dm(\text{corr})$	353.5	366.4	365.5		361.8
Observations	Color of the smoke: Grey				

To be continued...

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### 2) Non - Flaming mode

	Test Specimen			Flaming dripping or flaming running	Average
	#1	#2	#3		
Temperature of chamber wall (°C)	37	37	37	NO	
$D_{S1.5}$	0	0	0		0
$D_{S4.0}$	28.7	26.7	24.5		26.6
$D_m$	357.4	362.7	356.8		359.0
$t_{D_m}$ (min)	20	20	20		
$D_m(\text{corr})$	337.5	339.6	341.2		339.4
Observations	Color of the smoke: Grey				

#### Note:

$D_{S1.5}$  — Specific optical density at 1.5 minutes;

$D_{S4.0}$  — Specific optical density at 4.0 minutes;

$D_m$  — Maximum Specific optical density at any time during the 20 minutes;

$t_{D_m}$  — The time in minutes for the smoke to accumulate to the maximum specific optical density;

$D_m(\text{corr})$  —  $D_m$  corrected for incidental deposits on the optical surface.

Remark: This / these test(s) was / were performed by SGS Anji's Hardline Lab.

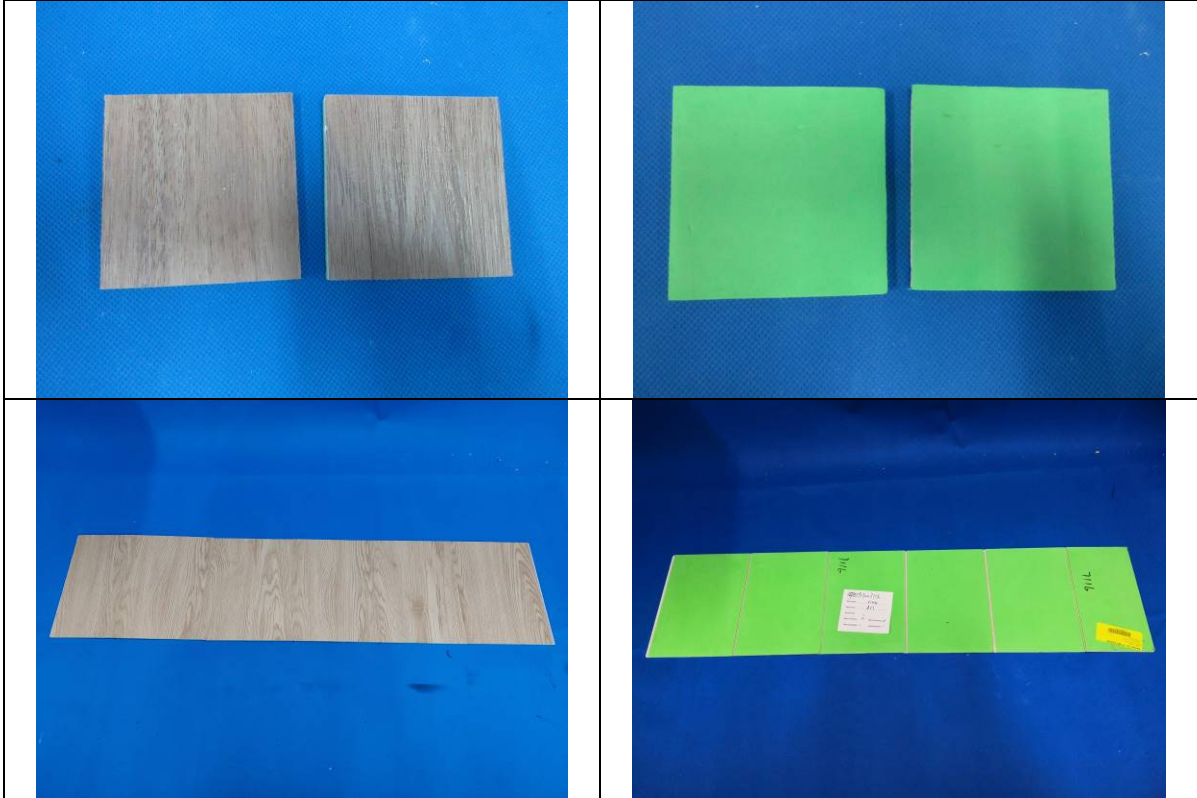
To be continued...

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**PHOTO OF SUBMITTED SAMPLE FOR TESTING**



**REPORT RESULTS REFER TO SUBMITTED SAMPLE (S) ONLY  
 \*\*\* End of Report \*\*\***

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