

AENOR

Test Report

No.JX-D006

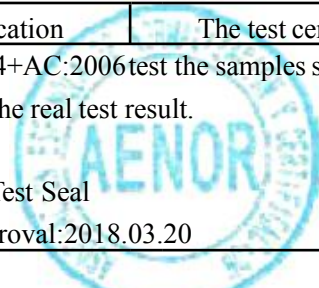
Object of the test:

BAMBOO FLOORING


Date: 2018-03-20

Test Report

Report No.JX-D006

Product	Bamboo flooring	Test Category	Consignment
Model Grade	1000*125*17MM, 960*96*15MM	Trademark	/
Date of Manufacture	2018.02.20	Serial No.	/
Name of Client	Zhongshan Green Build Wood Industry Co., Ltd.	Inspected Entity	/
Address	No.1 Shunye Road, Banfu Town, Zhongshan, China	Manufacture	Zhongshan Green Build Wood Industry Co., Ltd.
Sampling Organization	/	Number of Samples	
Sample Location	/	Number of Sample(s) for Inspection	/
Sampling Date	/	Receiving Number of Sample(s)	20
Sample(s) Deliverer	Zhongshan Green Build Wood Industry Co., Ltd.	Receiving Date of Sample(s)	2018.03.01
Test Requirement	EN 14041:2004+AC:2006 Resilient,Textileand bamboo floor coverings-Essential		
Test Item(s)	Reaction to fire,Emission of formaldehyde,Water-tightness,Slipperiness,Thermal conductivity		
Description and Condition of Sample(s)	Accord With Test Requirement		
Test Date	2018.03.14-2018.03.20	Test Location	The test center
Test Summary	According to the Standard EN14041:2004+AC:2006test the samples sent by entrusting and provide the real test result.		
	 Test Seal Date of Approval:2018.03.20		
Remarks	/		

Approved by: 

Verified by: 

Composed by: 

TEST RESULTS

EN14041:2004+AC:2006			
Clause	Requirement-Test	Result-Remark	Verdict
4.1	<p>Reaction to fire</p> <p>4.1.4 Classification</p> <p>If a claim for reaction to fire performance is made,the floor covering(except as provide for below)shall be tested and classified according to the requirement of EN 13501-1:2002 and the resulting class and subclass (as appropriate to the class itself) shall be declared.</p> <p>If it is decided to make no claim for reaction to fire performance,i.e.it is decided to place a product or family of products the market as Class Ffl,no testing is required for this product of family of products.</p>	Ffl	/
4.3	<p>Formaldehyde emission</p> <p>When formaldehyde-containing materials have been added to the product as a part of the production process,the product shall be tested and classified into,one of two classes:E1 or E2.</p>	E1(0.3mg/m*h) (according to EN717-2:1995)	P
4.4	<p>Water-tightness</p> <p>Where required,resilient floor coverings shall meet the requirements of EN 13553.</p>	Watertight	P
4.5	<p>Slip resistance</p> <p>If a claim for slip resistance is made,the floor covering intended to be used in dry and non-contaminated conditions shall have a dynamic coefficient of friction of ≥ 0.30when tested ex-factory under dry conditions in accordance with EN 13893 and shall be declared as technical class DS.</p> <p>Although such floors may be subjected to occasional spillage and wet cleaning,the manufacture does not guarantee the performance under these conditions.</p>	DS	

TEST RESULTS

EN14041:2004+AC:2006			
Clause	Requirement-Test	Result-Remark	Verdict
4.7	Thermal conductivity		

When floor covering are to be installed over an under-floor heating system the design thermal conductivity values given in EN 12524 shall be assumed for design calculation purposes. Alternatively, the thermal resistance measured in accordance with EN 12667 may be used.

0.11W/m*K

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Sample photos of the testing process



No.	Test Item		Standard	Test Result	Result	
1	Moisture content		%	6.0~15.0	7.8	Pass
2	Static bending strength		Mpa	≥75	117.7	Pass
3	Wear resistance of the surface film	Wear Speed	r	There is surface film after 100	Pass	Pass
		Wearing Value	g/100r	≤0.15	0.07	Pass
4	Film surface contamination resistance		/	Non-pollution	Non-pollution	Pass
5	Surface coating adhesion		/	≥3 Grade	1 Grade	Pass
6	Impact resistance performance of the surface		mm	Crack ≤10 No Crack	9.2 no crack	Pass
7	Peel test		mm	≤25	Max:10	Pass
8	Formaldehyde emission		mg/L	≤1.5	0.2	Pass

Test environment

Keep the sample in a room of $65 \pm 5\%$ RH at a temperature of $20 \pm 2^\circ\text{C}$ for 24 hours before the test begins.

Main testing equipment

No.	Test equipment	Type	Manufacturer	Calibration validity
1	Electronic balance	AB204S/A	Switzerland Mettler-Toledo	2014.08.23
2	Digital constant temperature water bath pot	HH-4	Changzhou	2014.08.06
3	Gas analysis of wood-based panel formaldehyde tester	QCA-2	Jinan Hannante Technology Group,Co.,Ltd.	2014.12.04
4	Spectrophotometer	722s	Hangzhou Qianjiang Instrument Equipment Co.,Ltd.	2014.12.14
5	Universal man-made veneer tester controlled by \ microcomputer	MWD-50	Jinan Sida Testing Equipment CO.,Ltd.	2014.12.23

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