

TEST REPORT

REPORT NUMBER: 161223007SHF-BP-3

ORIGINAL ISSUE DATE: 2017-01-09

EVALUATION CENTER

Intertek Testing Services Ltd., Shanghai Plant 7, No. 6958 Daye Road, Fengxian District, Shanghai, China

RENDERED TO

Taizhou Huali Plastic Co. Ltd.

Zhangdian Industrial Zone, Jiangyan, Jiangsu Prov., P.R. China

PRODUCT EVALUATED

Rigid LVT Flooring

EVALUATION PROPERTY

As requested by the applicant, for details refer to attached pages(s).

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Report Template Revision Date: 2016/9/1



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Applicant:	Taizhou Huali Plastic Co. Ltd.
Applicant Address:	Zhangdian Industrial Zone, Jiangyan, Jiangsu Prov., P.R. China
Attn:	Bonnie Yuan

Sample information:		
Product:	Rigid LVT Flooring	
Model:	1	
Specification:	/	
Sample Quantity:	11 pieces	
Sample ID:	S161223007SHF-001~023	
Date Received:	2016-12-23	
Date Test Conducetd:	2016-12-23~2017-01-09	

Conclusion:

For details refer to attached page(s).

The conclusions of this test report may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.



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Test Items, Method and Results:

Test Items	Test Method	Test Requirement	Test Result		Verdict
			Nominal value:		
			Length: 1	.220 mm	
			Width: 2	20 mm	
		Deviation≤0.15% of	Tested value:		
Side length		nominal length up to 0.5mm	Length: 1	.220.00 mm	-
	ISO 24342:2007 +A1:2012	maximum	Width: 2	19.97 mm	
			Tolerance:		Pass
			Length:	0 mm	
			Width:	-0.03 mm	1
Cauarapass		≪0.25mm (≪400mm)	Short edge Max.:	0.05 mm	
Squareness		≪0.25mm (≈400mm) ≪0.35mm (>400mm)	Long edge Max.:	0.04 mm	
Straightness		≪0.50mm (>400mm)	Short edge Max.:	0.04 mm	
		(intended for heat welding)	Long edge Max.:	0.04 mm	



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Test Items, Method and Results:

Test Items	Test Method	Test Requirement	Test Result		Verdict
Overall thicknes ISO 24346:2006	Average value:	Nominal value:	4.80 mm		
		Nominal value(-0.10, +0.13)mm	Tested value:]
	ISO 24346:2006		Average:	4.71 mm	Pass
		Individual value: Average value ± 0.15mm	Max.:	4.82 mm	
			Min.:	4.62 mm	



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Test Items, Method and Results:

Test Items	Test Method	Test Requirement	Test Result		Verdict
			Nominal value:	8680 g/m ²	
Total mass per unit area	ISO 23997:2007	Average Nominal value: (-10%, +13%)g/m ²	Average:	8690 g/m ²	Pass
	(-10%, +13%)9/11	Tolerance:	0.12%		



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Test Items, Method and Results:

ISO 10582:2010 Resilient floor coverings-Heterogeneous poly(vinyl chloride) floor coverings - Specification

Test Items	Test Method	Test Requirement	Test Result		Verdict
Dimensional stability after		dry-joint laying) ≪0.4% (sheets and tiles	MD:	0.05 %	Dass
exposure to heat	100 22000-2008		AMD:	0.05 %	Pass
Curling after exposure to heat	ISO 23999:2008	≤2mm (tiles intended for dry-joint laying) ≤8mm (sheets and tiles intended for heat welding)	0 mm		Pass

Note:

MD = Manufacturing direction; AMD = Across-manufacturing direction.



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Test Items, Method and Results:

Test Items	Test Method	Test Requirement	Test Result	Verdict
Residual indentation	ISO 24343-1:2007	≤0.1mm	0.02 mm	Pass



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Test Items, Method and Results:

ISO 10582:2010 Resilient floor coverings-Heterogeneous poly(vinyl chloride) floor coverings - Specification

Test Items	Test Method	Test Requirement	Test Result	Verdict
Effect of castor chair	ISO 4918·2016	delamination shall occur. No	After 25000 cycles, no detachment of layers, opening of joints, or crazing. No disturbance to the surface.	Pass

Test Photo:



Fig 1. Before test



Fig 2. After test



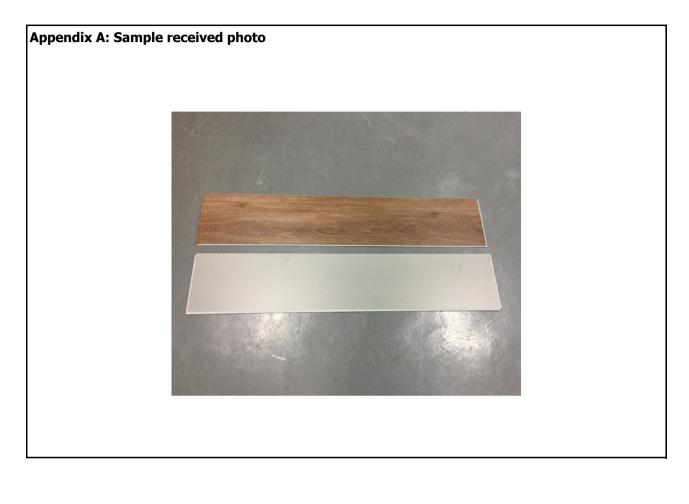
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Test Items, Method and Results:

Test Items	Test Method	Test Requirement	Test Result	Verdict
Colour fastness to artificial light	ISO 105-B02:2014 Exposure cycle A1, Method 3, Xenon-Arc lamp	≥Grade 6	>Grade 6	Pass



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Approved by:	S SERVICES	
	ally Xie	Tod Rian
Name: Sun Sur	n Name: Sally Xie	Name: Tod Qian
Title: Approver	Title: Reviewer	Title: Project Engineer

The End of Report

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