SUPPLIER TEST REPORT · ENGLISH SUMMARY

PVC flooring test report XJ2024B03A00730

English-language summary of a Chinese type-test report for a 2.0mm PVC flooring sample. The original Chinese report remains the controlling document.

Report number
XJ2024B03A00730

Issued
23 May 2024

Sample
PVC flooring, 2.0mm

Test type
Type test

REPORT DETAILS

Tested sample and issuing laboratory

The report was issued by China Testing & Certification International Group Co., Ltd. (CTC), National Building Materials Testing Center. It was commissioned by and names Hangzhou Xuli New Building Materials Co., Ltd. as the client and producer.

Declared dimensions

20m length, 2m width, 2.0mm total thickness, 0.4mm wear layer.

Mass

Declared mass per unit area: 3050 g/m².

Batch

Production date / batch: 6 April 2024 / 240406.

Test period

17 April to 22 May 2024; report issued 23 May 2024.

Sample quantity

Three rolls submitted for type testing.

Applicable product

This result relates to the submitted sample; other colours, batches and specifications require separate confirmation.

STANDARDS REFERENCED

Test and classification standards

GB/T 11982.1-2015

Polyvinyl chloride sheet flooring — heterogeneous PVC floor coverings.

GB 18586-2001

Indoor decorating materials — limits for harmful substances in PVC floor coverings.

GB 8624-2012

Classification for burning behaviour of building materials and products.

GB/T 11785-2005

Reaction-to-fire test for floorings — critical radiant flux.

GB/T 8626-2007

Flammability test method for building materials.

GB/T 20285-2006

Toxic hazard classification of fire effluents.

DIN 51130-2014

Determination of anti-slip properties of floor coverings.

TEST RESULTS

Translated results table

No.	Test item	Requirement shown	Result	Single-item conclusion
1	Appearance	No cracks, breaks or delamination; only slight creases, bubbles, missing print or pattern distortion; no obvious registration offset, colour difference or contamination	No cracks, breaks, delamination, creases, bubbles, missing print or pattern distortion; no obvious registration offset, colour difference or contamination	**Pass**
2	Length	Not less than declared value	20010 mm	**Pass**
3	Width	Not less than declared value	2008 mm	**Pass**
4	Total thickness deviation	Average +0.13/−0.10mm; individual average +0.15/−0.15mm	Average −0.01mm; individual +0.04/−0.04mm	**Pass**
5	Wear layer thickness deviation	Average ±0.10mm; individual average +0.05/−0.05mm	Average −0.02mm; individual +0.01/−0.01mm	**Pass**
6	Mass per unit area tolerance	+13%/−10% of declared value	+5%	**Pass**
7	Dimensional change after heating	≤0.40%	Longitudinal 0.10%; transverse 0.11%	**Pass**
8	Curling after heating	≤8mm	0mm	**Pass**
9	Colour fastness	≥ grade 6	> grade 6	**Pass**
10	Residual indentation	≤0.10mm	0.01mm	**Pass**
11	Flexibility	No cracking	No cracking	**Pass**
12	Chair caster test	No damage	No damage	**Pass**
13	Abrasion — volume loss Fv	Class T, ≤2.0mm³	1.5mm³	**Pass**
14	Peel strength	No pass/fail requirement shown	50 N/50mm longitudinal and transverse	**Reported value**
15	Stain resistance	No pass/fail requirement shown	Grade 0 for marker and iodine, 2-hour cotton cloth	**Reported value**
16	Slip resistance	No pass/fail requirement shown	R11 at 19.5°	**Reported value**
17	Volatile content	≤40g/m² for non-foamed glass-fibre reinforced floor coverings	12.0g/m²	**Pass**
18	Vinyl chloride monomer	≤5mg/kg	Not detected (<0.1mg/kg)	**Pass**
19	Soluble lead	≤20mg/m²	0.88mg/m²	**Pass**
20	Soluble cadmium	≤20mg/m²	4mg/m²	**Pass**
21	Reaction to fire	GB 8624-2012 B1 (C-s1, t0)	CHF 6.4kW/m²; flame-tip height <150mm; smoke production 375% × min; smoke toxicity ZA1	**Pass**

This page is an English information summary, not an English-language certificate issued by the testing laboratory. The original Chinese report controls in case of discrepancy. Results apply only to the submitted sample and batch. Other colours, constructions, thicknesses and production batches must not automatically be represented as covered.