

TEST REPORT

No. : XMIN2011010844CM

Date : Feb 05, 2021

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XMIN2011010844CM

CUSTOMER NAME: HEBEI LUJU PLASTIC PRODUCTS CO.,LTD
ADDRESS: CHENGDONG ECONOMIC DEVELOPMENT ZONE, XIONGXIAN COUNTY, BAODING CITY, HEBEI PROVINCE

Sample Name : HOMOGENEOUS FLOORING
Thickness : 2.0 mm
Type : Roll
Product Material : PVC powder, DOTP, CaCO₃ powder
Manufacturer : HEBEI LUJU PLASTIC PRODUCTS CO., LTD
CHENGDONG ECONOMIC DEVELOPMENT ZONE, XIONGXIAN COUNTY, BAODING CITY, HEBEI PROVINCE

Intended Use : Floor coverings
Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Test Required : EN 14041:2004/AC:2006 Resilient, textile and laminate floor coverings – Essential characteristics
SGS Ref. No. : CANMLC2019740701, GZIN2011063170MR, SHIN2011072702CM
Ref. Notified Body (NB 1020) Report : Report on the assessment of performance according to the Regulation (EU) 305/2011 (the Construction Products Regulation or CPR), Art. 1.4 of the Annex V (system 3) No. 1020 – CPR –010-043646
Reaction to fire classification report No. 080-023817(PKP-20-158)
Date of Receipt : Nov 06, 2020
Testing Start Date : Nov 06, 2020
Testing End Date : Dec 09, 2020
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co. , Ltd Xiamen Branch
Testing Center

Civi Huang
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Xiamen Branch Testing Center Commercial Construction Material Laboratory

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Test conducted:

EN 14041:2004/ AC:2006 Resilient, textile and laminate floor coverings – Essential characteristics

Product information:

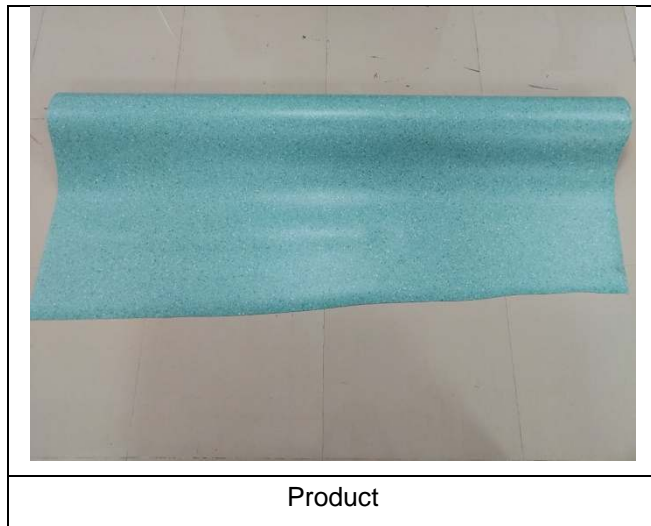
Resilient floor covering according to EN 14041:2004/AC:2006

Homogeneous flooring

Thickness: 2.0 mm

Composition: PVC powder, DOTP, CaCO₃ powder

Original Sample Photo(s):



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EN 14041:2004/AC:2006			
Clause	Requirement	Result(s) – Rating(s)	Verdict

4 Requirements			
4.1 Reaction to fire	If a claim for reaction to fire performance is made, the floor covering shall be tested and classified according to the requirements of EN 13501-1 and the resulting class and subclass shall be declared.	Class Bfl-s1 Report on the assessment of performance according to the Regulation (EU) 305/2011 (the Construction Products Regulation or CPR), Art. 1.4 of the Annex V (system 3) No. 1020 – CPR –010-043646 Reaction to fire classification report No. 080-023817(PKP-20-158)	Pass
4.2 Content of pentachlorophenol (PCP)	Resilient, textile and laminate floor coverings shall not contain PCP or a derivative thereof as a component in the production process of the product or of its raw materials.	Not detected (Method Detection Limit 0.1 mg/kg)	Pass
4.3 Formaldehyde emission	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.	Class E1 Not detected (Method Detection Limit 0.08 mg/m ³) Report on the assessment of performance according to the Regulation (EU) 305/2011 (the Construction Products Regulation or CPR), Art. 1.4 of the Annex V (system 3) No. 1020 – CPR –010-043646	Pass
4.4 Water-tightness	Where required, resilient floor coverings shall meet the requirements of EN 13553.	Not applicable	N/A
4.5 Slip resistance	Dynamic coefficient of friction of $\geq 0,30$ under dry conditions in accordance with EN 13893 and shall be declared as technical class DS.	Technical class DS Dynamic coefficient of friction: 0.36	Pass



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Xi'an Branch Testing Center Commercial Construction Material Laboratory

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EN 14041:2004/AC:2006			
Clause	Requirement	Result(s) – Rating(s)	Verdict
4.6 Electrical behaviour	Antistatic floor coverings, body voltage ≤ 2,0 kV per EN 1815 Static dissipative floor coverings, vertical Resistance ≤ 10 ⁹ Ω per EN1081 Conductive floor coverings, vertical resistance ≤ 10 ⁶ Ω per EN 1081	Not applicable	N/A
4.7 Thermal conductivity	When floor coverings 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 or EN 12664 may be used.	Thermal conductivity: 0.052 W/(m·K) Thermal resistance: 0.041 (m ² ·K)/W EN 12664:2001 Heat Flow Meter Method Mean temperature: 23°C; Temperature difference: 10°C	Pass
5 Evaluation of conformity			
5.1 General	The conformity of floor coverings with the requirements of this standard (including classes) shall be demonstrated by: – initial type testing; – factory production control by the manufacturer, including product assessment	Refer to 5.2 and 5.3	Pass
5.2 Type testing	Initial type testing shall be performed to show conformity with this standard.	Refer to Clause 4.1 to 4.7	Pass
5.3 Factory production control	The manufacturer shall establish, document and maintain an FPC system to ensure that the products placed on the market conform to the stated performance requirements.	The manufacturer claimed compliance with the FPC requirements by operating an ISO 9001 system.	Pass
6 Marking	Product shall be clearly and indelibly marked by the manufacturer either on their package or on an adhesive label with following information: a) the number and the year of this European Standard b) the manufacturer's or supplier's identification c) the product name and batch number	See CE marking sample, as Appendix A	Pass



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Appendix A
CE marking sample



HEBEI LUJU PLASTIC PRODUCTS CO., LTD
CHENG Dong ECONOMIC DEVELOPMENT ZONE,
XIONGXIAN COUNTY, BAODING CITY, HEBEI PROVINCE

20

EN 14041:2004 / AC:2006

SPC 2.0 mm Homogeneous floor covering, for use in buildings

Reaction to fire Class B_{fl-s1}

Content of pentachlorophenol (PCP) Not contain

Slipperiness Class DS

Formaldehyde Class E1

Thermal conductivity 0.052 W/(m·K)

Thermal resistance 0.041 (m²·K)/W

***** End of report*****



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