

Test Verification of Conformity

On the basis of the referenced test report(s), the sample(s) of the below product has been found to comply with the relevant harmonized standard(s) to the directive(s) listed on this verification at the time the tests were carried out.

The manufacturer may indicate compliance to said directive(s) by signing a DoC himself and applying the CE-marking to products identical to the tested sample(s). In addition, the manufacturer shall file and keep the documentation according to the rules of the applicable directive(s) and shall consider changes of the standard(s) if relevant. Additional requirements may be applicable such as additional directives or local laws.

Applicant Name & Address	:	Xi' an Link Cork Co., Ltd. Block D, 12/F., Rui Xin Building, No.25 Gao Xin Road, Xian, China
Product(s) Tested	:	Cork floating floor, size 915x305x11mm
Ratings and principal characteristics	:	Reaction to fire: Class E _{fl} , Release of formaldehyde: Class E1
Model(s)	:	SULINK LC06; CoffeSulink LC25; SAMBA LC07; JAZZ LC04; Roma LC02;
Brand name	:	Jilink
Relevant Standard(s) / Specification(s) / Directive(s)	:	EN 14041: 2004+AC: October 2006 89/106/EEC
Verification Issuing Office Name & Address	:	Same as Legal Entity
Verification/Report Number(s)	:	GZ08090402-1/ GZ08090402-1, GZ07120605-1

NOTE 1: This verification is part of the full test report(s) and should be read in conjunction with it.

NOTE 2: Release of formaldehyde, PCP content and reaction to fire(Class E)was tested by Notified Body No. 1023

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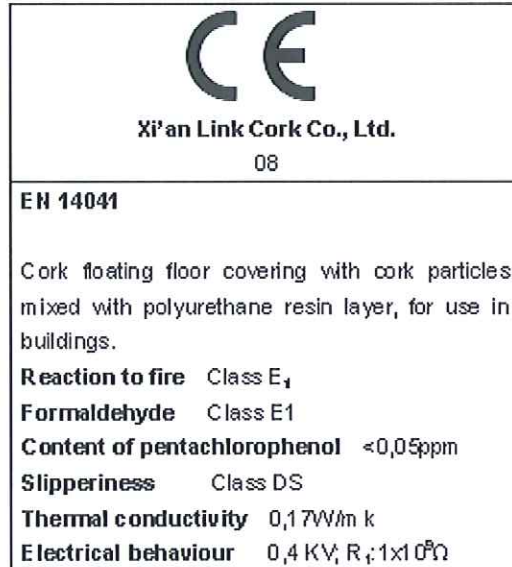

 Signature

Name: Baud Qiu

Position: Assistant manager

Date: October 28, 2008

Copy of marking plate (use SULINK LC06 as a sample)



Note:

1. If the CE marking is reduced or enlarged the proportions given in the above graduated drawing must be respected.
2. The various components of the CE marking must have substantially the same vertical dimension, which may not be less than 5 mm.
3. CE marking and label shall be affixed visibly, legibly and indelibly.

Summary of testing

This model of product has been successfully tested for conformity to the applicable requirements of EN 14041:2004+AC: October 2006.

Test item particulars
Classification of installation and use.....: Floating
Possible test case verdicts:
- test case does not apply to the test object.....: N/A
- test object does meet the requirement: P (Pass)
- test object does not meet the requirement: F (Fail)
Testing
Date of receipt of test item.....: September 16, 2008
Date (s) of performance of tests.....: September 16, 2008 to October 28, 2008
General remarks:
<p>This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.</p> <p>"(See remark #)" refers to a remark appended to the report. "(See Appendix #)" refers to an appendix appended to the report. Throughout this report a comma (point) is used as the decimal separator.</p> <p>When determining the test result, measurement uncertainty has been considered.</p>
General product information:
<p>5 models of cork floating flooring were same in materials used (Adhesive, Profile), manufacturing process except for particle size of the surface. The models were listed as following: SULINK LC06(biggest particle size of cork); CoffeSulink LC25; SAMBA LC07; JAZZ LC04; Roma LC02(smallest particle size of cork); Report data were based on model SULINK LC06 , Roma LC02(Tested in report GZ07120605-1).</p> <p>3 layers flooring, the top veneer was made of cork grain mixed with polyurethane resin; the core board was made from wood fibre mixed with urea-formaldehyde resin; the bottom veneer was made of cork grain mixed with polyurethane resin.</p> <p>Top veneer: Nominal thickness: 3mm; Middle veneer Nominal thickness: 7mm; Bottom veneer Nominal thickness: 1mm;</p> <p>Release of formaldehyde, Content of pentachlorophenol and Reaction to fire test conducted by Notified Body Lab No.1023. INSTITUTE FOR TESTING AND CERTIFICATION, Inc. Refer to report No.75 35 00086/2008 and 75 35 00217/2008 for detail.</p> <p>Xi' an Link Cork Co., Ltd. was subject to FPC evaluation, and deemed to it is possible to apply initial type test.</p>

EN 14041+AC			
Clause	Requirement - Test	Result - Remark	Verdict
4	REQUIREMENTS		—
4.1	<p>Reaction to fire</p> <p>When declared, the floor covering shall be tested and classified according to the requirement of EN 13501-1 and resulting class and subclass shall be declared</p> <p>If it is decided to make no claim for reaction for fire performance, which marked Class F, no testing is required</p> <p>If the product listed in Table 1, 2 or 3, in the end uses identified in the tables, are classified without further testing in the classes shown and do not require testing in respect of these end uses and classes</p>	<p>Class E_n</p> <p>Refer to report</p> <p>No. 75 35 00217/2008 for detail</p>	P
4.2	<p>Content of pentachlorophenol (PCP)</p> <p>Resilient, textile and laminate floor coverings shall not contain PCP or derivative thereof as a component in the production process of the product or of its raw materials</p>	<p>Less than 0,05ppm</p> <p>Refer to report</p> <p>No. 75 35 00217/2008 for detail</p>	P
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 in to one of two classes: E1 or E2</p>	<p>Class E1</p> <p>Refer to report</p> <p>No.75 35 00217/2008 for detail</p>	P
4.4	<p>Water-tightness</p> <p>Where required, resilient floor coverings shall meet the requirement of EN 13553... ..</p>	<p>This test was not available for cork flooring;</p>	N/A
4.5	<p>Slip resistance</p> <p>When declared, the floor covering intended to be used in dry and non-contaminated conditions shall have a dynamic coefficient of friction of $\geq 0,30$ when tested ex-factory under dry conditions per EN 13893 and shall be declared as technical class DS.....</p>	<p>Class DS</p> <p>$\mu=0,32$</p>	P
4.6	<p>Electrical behaviour (static electricity)</p> <p>When declared, antistatic floor coverings body voltage shall not exceed 2,0 kV per EN 1815</p> <p>When declared, static dissipative floor coverings vertical resistance shall not exceed $10^9\Omega$ per EN 1081.....</p> <p>When declared, conductive floor coverings vertical resistance shall not exceed $10^6\Omega$ per EN 1081</p>	<p>Maximum antistatic floor coverings body voltage: 0,4KV</p> <p>Static dissipative floor coverings:</p> <p>Vertical resistance : $1 \times 10^9\Omega$</p>	P
4.7	<p>Thermal conductivity</p> <p>If required, the thermal conductivity values shall be verify per EN 12524 or EN 12667.....</p>	<p>0,17W/m k</p>	P

EN 14041+AC			
Clause	Requirement - Test	Result - Remark	Verdict
5	EVALUATION OF CONFORMITY		—
5.1	General.....:	See the FPC report	P
5.2	Type testing.....:	Refer to Clause 4.1 to 4.7	P
5.3	Factory production control.....:	See the FPC report	P
6	MARKING		—
	Product which conform to the requirements of this document 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 'Copy of marking plate'	P

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Appendix A

Copy of Test Report (Issued by: NB 1023)

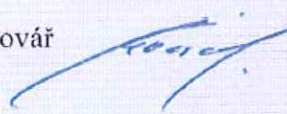
**INSTITUTE FOR TESTING AND CERTIFICATION***QMS certified according to EN ISO 9001:2000***ZLÍN, T. Bati 299, CZECH REPUBLIC**

Reference No. 75 35 00217


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TEST REPORT

Reference No. 75 35 00217 / 2008

Client:	Xi'an Link Cork Co., Ltd. Block D, 12/F., Rui Xin Building, No. 25 Gao Xin Road, Xian, China
Product:	Cork Floating Flooring, type: SULINK LC06, CoffeSulink LC25, SAMBA LC07, JAZZ LC04, Roma LC 02
Manufacturer:	Xi'an Link Cork Co., Ltd. Block D, 12/F., Rui Xin Building, No. 25 Gao Xin Road, Xian, China
Elaborated by:	Dipl. Ing. Milan Kovář 
Issued on:	16th October 2008




RNDr. Radomír Čevelík
Representative of Notified Body No. 1023

Appendix A (continued)
Copy of Test Report (Issued by: NB 1023)



INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a. s.
certified according to ČSN EN ISO 9001:2001
764 21 ZLÍN – Louky, Czech Republic

Notified Body No. 1023 * Authorized Body No. 224 * Product, Quality Systems and EMS Certification Body * Accredited Laboratory

Reference No. 75 35 00217
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1. Product specification

The three-layer floor covering called "Floor panels for loose laying" according to EN 14085.

Dimensions of floor panels are: 915mm x 305mm x 11 mm.

The surface (top) layer (thickness: 3 mm) is cork floor covering (cork particles mixed with polyurethane resin).

The substrate (core) (thickness: 7 mm) is wood fibreboard (wood fibres mixed with urea-formaldehyde resin).

The back layer (thickness: 1 mm) is on the base of cork (cork particles mixed with polyurethane resin).

All types are the same in main manufacturing process, raw material and finish (water based PU). The difference is in the size of cork particles of the top surface.

The type (model) with the biggest size of the cork particles is SULINK LC06. The Roma LC02 type has the smallest size of the cork particles. The Roma LC02 type has already been tested in ITC Zlín.

2. Assessment of conformity with essential requirements of the Government Order No. 190/2002, Collection of Laws as amended

Floor coverings as construction products are assessed on the basis of relevant clauses of the Construction Products Directive (CPD)-Council Directive 89/106/EEC of 21st December 1989 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products as amended by Council Directive 93/68/EC. The Directive has been implemented to the Czech legislative as the Government Order No. 190/2002 Collection of Laws.

2.1. Conformity assessment procedure

The submitted product is assessed pursuant to Section 5, Subsection 1, letter b (system 3) of the Government Order No. 190/2002 (Collection of Laws) as amended.

The initial type testing was carried out according to Annex ZA of the standard ČSN EN 14041.

2.2. Indicators specifying essential requirements

The initial type testing was conducted by the notified body (the notified test laboratory) covered the following range of relevant properties according to Table ZA.4 (of the ČSN EN 14041):

- Formaldehyde emission
- Reaction to fire (class Efl)

Appendix A (continued)
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Reference No. 75 35 00217
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The client asked for determination of the other property:

- Content of pentachlorophenol (PCP)

2.3. Sampling place and number of samples taken

The samples were sent by the manufacturer. The number of the samples sent was as follows:

- Cork Floating Flooring, type: SULINK LC 06: 6 pcs of the panels (915 x 305 x 11) mm, 3 pcs of the test specimens (400 x 50 x 11) mm, 6 pcs of the test specimens (25 x 25 x 11) mm, 1 pc of the panel (length of approx. 0.5 m)

The samples were registered under the registration number 75 35 00217/1 on 29th September 2008.

2.4. Place and date of testing

- Institut pro testování a certifikaci (ITC), a.s., NB 1023, accredited laboratory No. 1004 Zlin (September – October 2008)

2.5. Test results

The results of determination of properties together with the test methods are shown in Table 1.

The product types are different in the size of the cork particles in the top layer only, so the tests have been performed only for the type with the smallest size of the cork particles (Roma LC02) and for the type with the biggest size of the cork particles (SULINK LC06).

Table 1 – Results of determination of properties, test methods

Property (characteristic)	Measuring unit	Result (class)		Test method
		Roma LC02	SULINK LC06	
Formaldehyde emission	mg.m ⁻² .h ⁻¹	< 0.5 (E1)	< 0.5 (E1)	ČSN EN 717-2
Reaction to fire	-	E _{fl}	E _{fl}	ČSN EN 13501-1, ČSN EN ISO 11925-2
Content of pentachlorophenol	ppm	< 0.1	< 0.05	ČSN EN 14041, Annex B

Appendix A (continued)
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Note: The test results of the Roma LC02 type were taken from:

Test Report, reference No. 753500086/2008, elaborated by ITC a.s., Notified body No. 1023 in Zlín, on 11th February 2008

3. A list of documents used to elaborate the Test Report

- Application No. 753500217 for conformity assessment of CE-marked construction products
- Government Order No. 190/2002, Collection of Laws, as amended
- ČSN EN 14041 (91 7883): Pružné textilní a laminátové podlahové krytiny – Podstatné vlastnosti (Resilient, textile and laminate floor coverings – Essential characteristics)
- Test Report of accredited laboratory, reference No. 753500217/01, elaborated by ITC a.s., accredited laboratory No. 1004, in Zlín, on 10th October 2008
- Test Report of accredited laboratory, reference No. 753500217/02, elaborated by ITC a.s., accredited laboratory No. 1004, in Zlín, on 2nd October 2008
- Test Report, reference No. 753500086/2008, elaborated by ITC a.s., Notified body No. 1023 in Zlín, on 11th February 2008
- Classification Report using Results of Reaction to Fire No. 37 35 00328/2008, elaborated by ITC,a.s, COV (Product Certification Body) 3020 Zlín, on 16th October 2008

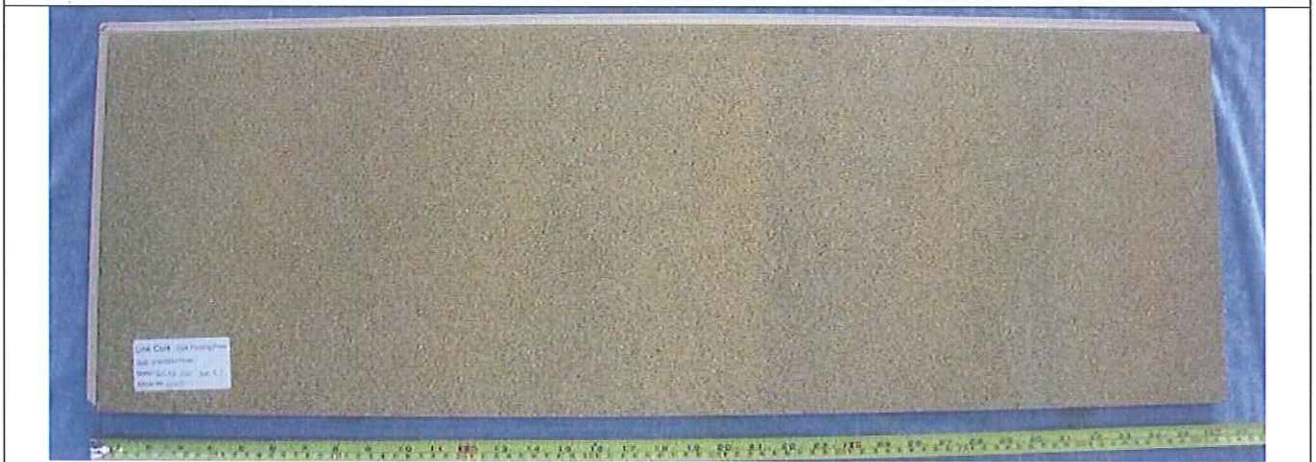
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Appendix B

Product Photos



B.1 Front view of SULINK LC06;



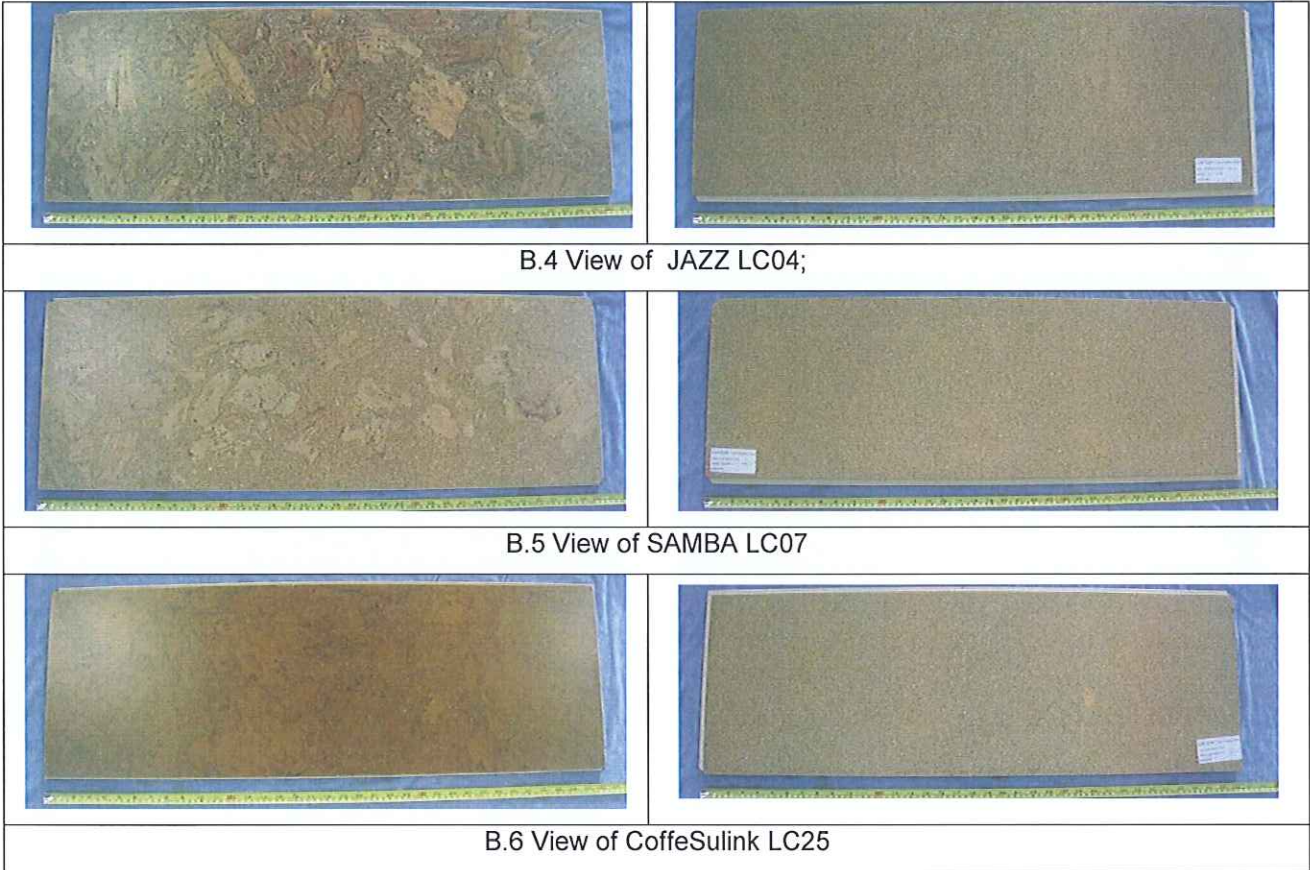
B.2 Back view of SULINK LC06



B.3 Side view of SULINK LC06

Appendix B (continued)

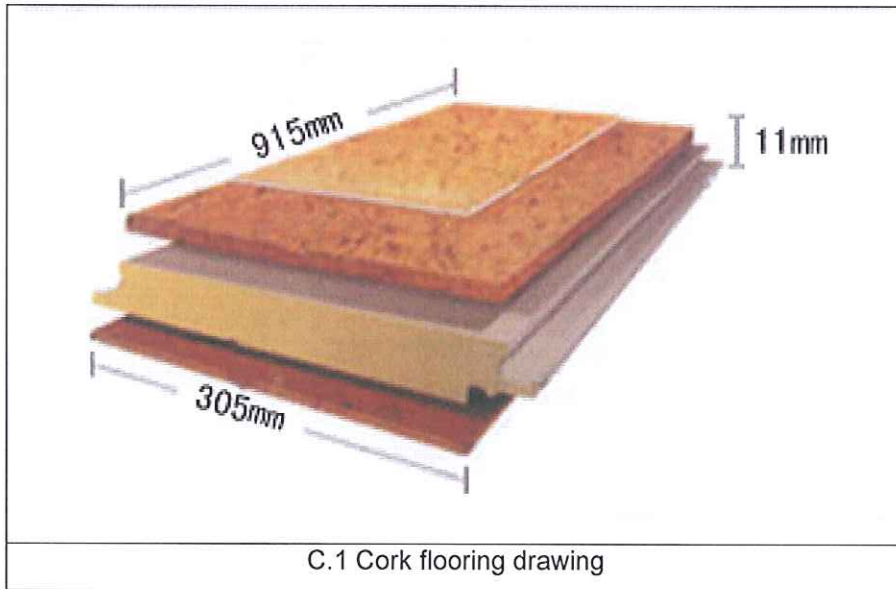
Product Photos



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Appendix C

Product Drawing



*****End of Report*****

Cast R.