






EC DECLARATION OF PERFORMANCE

No. 19-0883

1. Unique identification code of the product, product type or product family: FAITH
2. Identification of the construction product: SPC flooring
Thickness: 3mm—6mm
Density: 2000±50kg/m³
3. The product(s) are intended for use as floor covering(s) within a building according to the manufacturer's specifications and installation practices in accordance with EN 14041.
4. Name and contact address of the manufacturer:
CHANGZHOU FAITH NEW MATERIALS TECHNOLOGY CO., LTD.
2 LIANCUN RD. HENGLIN TOWN, CHANGZHOU, CHINA
5. Name and contact address of authorized representative (distributor, importer), only where applicable:
Name:
Address:
6. System of assessment and verification of constancy of performance: System 3
Notified Body: 1611
Test report No: 19-0883-01, 19-0883-02, 19-0883-03, CR19-0883-01, MVZ-A-2019-001104
Certificate No: 19-0883
7. Declared performances of essential characteristics (according to: harmonized standard EN 14041)

Reaction to fire (EN 13501-1)	Formaldehyde Emissions (EN 717-1)	Slip resistance (EN13893)
		
8. The Performance of the product(s) identified in points 1 and 2 is in conformity with the declared performance in Point 7.
This declaration of performance is issued under sole responsibility of the manufacturer or authorized representative identified in point 4 or 5.
9. The production control system owned by the manufacturer:
 ISO 9001

Signed for and behalf of the manufacturer or authorized representative by:

Date:

Name/Stamp:

Position:

Classification Report

CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1:2018

Sponsor	CHANGZHOU FAITH NEW MATERIALS TECHNOLOGY CO., LTD. 2 LIANCUN RD. HENGLIN TOWN, CHANGZHOU, CHINA
Manufacturer:	CHANGZHOU FAITH NEW MATERIALS TECHNOLOGY CO., LTD. 2 LIANCUN RD. HENGLIN TOWN, CHANGZHOU, CHINA
Prepared by	Ghent University - Centre for Textile Science and Engineering Technologiepark 70A, 9052 Zwijnaarde, Belgium
Notified Body N°	1611
Product Name	SPC flooring (as given by the sponsor)
Report N° / Issue N°	CR 19-0883-01
Date of issue	17/09/2019

1. Introduction

This classification report defines the classification assigned to SPC flooring, in accordance with the procedures given in EN 13501-1:2018

2. Details of classified product

2.1 General

The product SPC flooring is defined as being suitable for floor covering applications.

2.2 Product description

The product, SPC flooring is described below and in the test report(s) listed in Clause 3.1.

Product description	PVC, CaCO ₃
Composition of use-surface	PVC
Composition of backing layer	PVC, CaCO ₃
Flame retardant treatment	No

3. Reports and Results in support of Classification

3.1 Test reports

Name of test laboratory	Name of sponsor	Test report number	Test method
Ghent University - Centre for Textile Science and Engineering	CHANGZHOU FAITH NEW MATERIALS TECHNOLOGY CO., LTD.	19-0883-01 19-0883-02	EN ISO 9239-1
Ghent University - Centre for Textile Science and Engineering	CHANGZHOU FAITH NEW MATERIALS TECHNOLOGY CO., LTD.	19-0883-01 19-0883-02	EN ISO 11925-2

3.2 Test results

Test method	Parameter	No. of tests	Results	
			Average	Compliance
EN ISO 9239-1	Critical flux (kW/m ²)	3	≥11	B _{fl}
	Smoke (%.min)		52	s1
EN ISO 9239-1	Critical flux (kW/m ²)	3	≥11	B _{fl}
	Smoke (%.min)		101	s1
EN ISO 11925-2	Fs	6	Pass	Pass
EN ISO 11925-2	Fs	6	Pass	Pass

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018

4.2 Classification

The product, SPC flooring, in relation to its reaction to fire behavior is classified: **B_{fl}**

The additional classification in relation to smoke production is: **s1**

Therefore, taking into account the limitations given in §5:

Reaction to fire classification: B_{fl} – s1

4.3 Field of application

This classification is valid for the following product parameters:

	Min.	Max.
Range of Total mass (kg/m ²)	6	12
Range of Total thickness (mm)	3	6

This classification is valid for the following end use applications:

Deposition method	Not specified
Substrates	Euroclass A2
Joints	Not applicable.
Other aspects of end use conditions	Family and public flooring decoration.

5. Limitations

This classification document does not represent type approval or certification of the product.

The test laboratory has played no part in sampling the product of the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.

The manufacturer declares that the products design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitations of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate.



Johanna Louwagie
Head of certification



Prof. Dr. Paul KIEKENS, dr. h. c.
Director