



TESTING
CNAS L4743

Test Report

No. AJFS1903002275FF Date: MAY 20, 2019 Page 1 of 5

W.Z. CO., LTD. For Eurotec Flooring

The following sample(s) was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion. results apply to the sample as received.

Sample Name: SPC FLOORING

SGS Ref No.: CZRS20190300208

Specification: 1220*152*5.0

Color: BLACK

Material: SPC FLOORING

Composition: SPC

Style/Item No.: /

Test Requested:

EN 13501-1:2007+A1:2009 Fire classification of construction products and building elements— Part 1:
Classification using data from reaction to fire tests, Class Bii

Test Results: -- See attached sheet --

Test Period:

Sample Receiving Date MAY.08, 2019
Test Performing Date MAY.08, 2019 TO MAY.19, 2019

Signed for and on behalf of
SGS-CSTC Co., Ltd. Anji Branch

Allen Zou
Technical Manager



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I. Test conducted

This test was conducted as per EN 13501-1:2007+A1:2009 Fire classification of construction products and building elements— Part 1: Classification using data from reaction to fire tests. And the test methods as following:

1. EN ISO 9239-1:2010 Reaction to fire tests for floorings —Part 1: Determination of the burning behaviour using a radiant heat source.
2. EN ISO 11925-2:2010+Cor1:2011 Reaction to fire tests — Ignitability of building products subjected to direct impingement of flame — Part 2: Single-flame source test.

II. Details of classified product

Sample description	SPC flooring
Color	Black
Thickness	About 5.00mm
Bulk Density	About 2000.0 kg/m ³

Mounting and fixing:

Calcium silicate board, with its density approximate 900kg/m³, thickness approximate 9mm, is as the substrate. The test specimens are fixed mechanically to the substrate. The test specimens are prepared to incorporate a center-longitude joint.

III. Test results

Test method	Parameter	Number of tests	Results
EN ISO 9239-1	Critical flux (kW/m ²)	3	A11.0
	Smoke (%xminutes)		119
EN ISO 11925-2 Exposure = 15 s	is 150 mm	6	Pass

To be continued...



IV. Classification and direct field of application

This classification has been carried out in accordance with EN 13501-1:2007-rA1 :2009.

a) Classification

The product, MGO flooring, classification is as following,

Fire behaviour		Smoke production	
Bii	—	s	1

Reaction to fire classification: Bfl— s1

Remark: The classes with their corresponding fire performance are given in annex A.

b) Field of application

This classification for the submitted sample is valid for the following end use condition:

- With all substrates classified A1 and A2
- With mechanically fixing
- Have joints

This classification is valid for the following product parameters:

- Characteristics as described in § II of this test report.

Statement:

This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Warning:

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

The test laboratory has, therefore, play no part in sampling the product for the test, although it holds appropriate references to the manufacturer’s factory production control that is aimed to be relevant to the samples tested and that will provide for their traceability.

To be continued...



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Annex A

Classes of reaction to fire performance for floorings

class	Test methods	Classification	Additional classification
A1 fl	EN ISO 1182 ^a and	71300 . oma50%. ti=0(i.e. no sustained flaming)	and and
	EN ISO 1716	PCSn̄2.0MJ/kg ^a PCSn̄2.0MJ/kg ^b PCSa1.4MJ/m ^d * PCSn̄2.0MJ/kg ^d	and and and
A2 fl	EN ISO 1182 ^a or	aTñ50°c. am 50%. tifi20s	and and
	EN ISO 1716	PCSn̄3.0MJ/kg ^a PCSO4.0MJ/m ^d ^ PCSO4.0MJ/m ^d * PCSn̄3.0MJ/kg ^d	and and and
	EN ISO 9239-1 ^e	Critical flux ñ8.0kW/ m ²	Smoke production
Bii	EN ISO 9239-1 ^e and	Critical flux ñ8.0kW/ m ²	Smoke production
	EN ISO 11925-2 ^h Exposure =15s	Fsn̄150mm within 20s	
C fl	EN ISO 9239-1 ^e and	Critical flux ^f *4.5kW/ m ²	Smoke production
	EN ISO 11925-2 ^h Exposure =15s	Fsn̄150mm within 20 s	
D fl	EN ISO 9239-1 ^e and	Critical flux f ñ3.0kW/m ²	Smoke production g
	EN ISO 11925-2 ^h Exposure =15s	Fsn̄150mm within 20 s	
Ei	EN ISO 11925-2 ^h Exposure =15s	Fs 150mm within 20s	
Fii	No performance determined		

^a For homogeneous products and substantial components of non-homogeneous products.
^b For any external non-substantial component of non-homogeneous products.
^c For any internal non-substantial component of non-homogeneous products.
^d For the product as a whole.
^e Test duration = 30 min.
Critical flux is defined as the radiant flux at which the flame extinguishes or the radiant flux after a test period of 30 min, whichever is the lower (i.e. the flux corresponding with the furthest extent of spread of flame).
g s1 = Smoke ñ 750 % minutes;
s2 = not s1.
^h Under conditions of surface flame attack and, if appropriate to the end use application of the product, edge flame attack.



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Photo Appendix:



SGS authenticate the photo on original report only

***End of Report**



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