

CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1: 2007

Sponsor HIM Chemie B.V.

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Notified Body no. 1234

Product name Himfloor SL Flex floor covering with

Himfloor FC230 Clear top coat

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This classification report consists of four pages and may only be used in its entirety.

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1. Introduction

This classification report defines the classification assigned to **Himfloor SL Flex** floor covering with **Himfloor FC230 Clear** top coat in accordance with the procedures given in EN 13501-1: 2007.

2. Details of classified product

2.1 General

The product, **Himfloor SL Flex** floor covering with **Himfloor FC230 Clear** top coat, is defined as a floor covering.

2.2 Product description

The product is an epoxy floor covering system composed from bottom to top of:

- Base layer: HIM Primer 31, 0.16 kg/m²

- Main layer: Himfloor SL Flex epoxy, 3.3 kg/m²

- Top layer: Himfloor FC230 Clear top coat, 0.08 kg/m²

The product has a total thickness of 2-3 mm and a mass per unit area of approx. 3.6 kg/m².

2.3 Manufacturer/Importer

HIM Chemie B.V. P.O. Box 1 NL-1950 AA VELSEN-NOORD The Netherlands

3. Test reports & test results in support of classification

3.1 Test reports

Name of Laboratories	Name of sponsor	Test reports	Test method
Efectis Nederland BV The Netherlands	HIM Chemie B.V. The Netherlands	2009-Efectis-R0749 [Rev.1] 2009-Efectis-R0750 [Rev.1]	EN ISO 11925-2:2002 EN ISO 9239-1:2002

3.2 Test results

Test method &	Parameter	No.	Results	
test number		tests	Continuous parameter - mean (m)	Compliance parameters
EN-ISO 11925-2 surface flame impingement	Fs ≤150 mm	6	28	-
	Ignition of filter paper		-	Compliant
EN ISO 9239-1	Critical Heat Flux [kW/m²]	3	8	-
	Smoke density [%.min]		252	-

4. Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 12 of EN 13501-1:2007

4.2 Classification

The product, **Himfloor SL Flex** floor covering with **Himfloor FC230 Clear** top coat, in relation to its reaction to fire behaviour is classified:

 C_fl

The additional classification in relation to smoke production is:

s1

Reaction to fire classification: $C_{\rm fl}$ - s1

4.3 Field of application

This classification is valid for the following product parameters:

- Thickness 2-3 mm

- Surface density approx. 3.6 kg/m²

This classification is valid for the following end use applications:

- Substrate non-combustible

(class A1/A2 according to ISO 390 and EN 13501-1)

- Methods and means of fixing by gluing using the product base layer

- Other aspects of

end use conditions floor covering

4.4 Duration of the validity of this classification report

There are no limitations in time on the validity of this report.

5. Limitations

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

Ing. C.C.M. Steinhage

W. Langstraat

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