

TFI Report 452025-02

Classification

of the Reaction to Fire according to EN 13501-1:2010

Customer

Rephouse (M) Sdn. Bhd
37, Jalan Jasmine 3, Bukit Beruntung
48300 Selangor, D.E.
MALAYSIA

Product

floor covering
Neoflex 800 Series Rubber Flooring

Responsible at TFI

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This report includes 4 pages and 0 annex(es).

Aachen, 22 December 2015

Dr. Jens-Christian Winkler

authorized manager

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This report only applies to the tested specimens and has been established to the best of our knowledge. Only the entire report shall be reproduced. Under no circumstances, extracts shall be used. Furthermore, we apply the "General Terms and Conditions for the Execution of Contracts" of the Textiles & Flooring Institute GmbH, also with regard to the order execution.

1 Transaction

Test order	Classification of the reaction to fire according to EN 13501-1:2010
Order date	13 November 2015
Your reference	M. Brinkers
Product designation(s)	Neoflex 800 Series Rubber Flooring
TFI sample number	15-11-0238

2 Product specification

The construction product is completely described in the test report mentioned under item 3 and in the corresponding Annex KT. The test report provides the basis for the present classification.

3 Results

3.1 Test reports and test results used for the classification

Test laboratory	Customer	Test report no.	Test method
Textiles & Flooring Institute GmbH	Rephouse (M) Sdn Bhd	452025-01 dated 22 December 2015	EN ISO 9239-1:2010
			EN ISO 11925-2:2010 (15 s ignition time)

3.2 Test results

	Test method	Parameter	Number of tests	Result	
				Mean value	Requirements fulfilled (Y/N)
Product	EN ISO 9239-1:2010	Average critical heat flux [kW/m ²]	3	4.5	
		Integrated smoke value [% x min.]		249	
	EN ISO 11925-2:2010	Flame tip < 150 mm	6	-	Y

3.3 Classification and field of application

The construction product "Neoflex 800 Series Rubber Flooring" is classified as follows with regard to the reaction to fire:

C_{fl}

The additional classification with regard to the smoke development is:

s1

The additional classification with regard to burning droplets/particles is:

-

The format of the reaction to fire classification for floor coverings is:

Reaction to fire		Smoke development	
C_{fl}	-	s	1

Classification of the reaction to fire: C_{fl} - s1

This classification is valid for the following end use application:

Type of end use application	horizontally laid floor covering
Substrate	noncombustible substrates (Euroclass A1 and A2-s1,d0) with a gross density $\geq 1350 \text{ kg/m}^3$
Underlay for installation	no
Type of fixation	glued or unglued
Joint according to EN ISO 9239-1:2010	no

Limitations

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