

TFI Report 452024-02

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 Reco 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

The present document is provided with a qualified electronic signature and is valid without autograph signature.



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 Reco Series Rubber Flooring |
| TFI sample number | 15-11-0237 |

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 | 452024-01 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 | 3.8 | |
| | | Integrated smoke value [% x min.] | | 521 | |
| | EN ISO 11925-2:2010 | Flame tip < 150 mm | 6 | - | Y |

3.3 Classification and field of application

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

D_{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 | |
|------------------|---|-------------------|---|
| D _{fl} | - | s | 1 |

Classification of the reaction to fire: D_{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.