Classification Report
Reaction to fire of building elements

10-001641-KB04-K06-01-e-01

Translation of Classification report 10-001641-KB04-K06-01-de-01.

Deventer Profielen CV
Voorerf 75
Client NL-4824 GM Breda

ift Rosenheim GmbH
Theodor-Gietl-Str. 7-9
Notified Body D-83026 Rosenheim

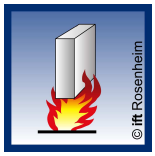
Notified Body No. 0757

Issue 1

Object elastic sealing profiles from TPE

Designation product family "BS"

Classification



Classification of reaction to fire
DIN EN 13501-1:2007

Class E

Basis
DIN EN 13501-1:2007
Fire classification of construction products and building elements
Part 1: Classification using test data from reaction to fire tests

Instruction of use
This classification report defines the resistance to fire classification assigned to element in accordance with product name in accordance with the procedure given in EN 13501-1. This classification document doesn't represent type approval or certification of the product.

Validity
The named data and results relate exclusively to tested and described specimen.

Notes on publication
The ift-Guidance Sheet "Conditions and Guidance for the Use of ift-Test Documents" applies. This classification report may not be used in extracts or reproduced in extracts.

Content
The report comprises a total of 6 pages

ift Rosenheim GmbH
11. July 2011

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1 Introduction

This classification report defines the resistance to fire classification assigned to element product family "BS" in accordance with the procedures given in DIN EN 13501-1:2007.

2 Details of classified product

2.1 General

For this building element product family "BS" no product standard has been published[1].

2.2 Description

The building elements of product family "BS" will described following or in the reports, which are taken in 3.1 to prove for the classification.

Product description:
door leaf rebate sealing and door sealing from TPE.

3 Test reports and test results in support of this classification

The following test reports, test results and evaluations will be submitted in support of this classification.

3.1 Test reports

Details of the test reports will be listed here if necessary.

Table 1

Building element:	**product family "BS"**		
Test laboratory	**Client**	**Test Report No.**	**Test method**
ift Rosenheim Notified Body: 0757	Deventer Profielen CV NL-4824 GM Breda	10-001641-PB03-K06-01-de-01 Date: 16. May 2011	DIN EN ISO 11925-2

[1] specified by client

3.2 Test results

Table 2 Test results: elastic sealing profiles from TPE

Building element: product family "BS"				
Test method and number	**Parameter**	**Number of tests [a]**	**Results**	
			Continuous Parameter - average (m)	**Compliance Parameter**
DIN EN ISO 11925-2 15 s surface exposure*	$F_s \leq 150$ mm flaming droplets / particles	114	(-)	Y
		114	(-)	N
15 s edge exposure*	$F_s \leq 150$ mm flaming droplets / particles	114	(-)	Y
		114	(-)	Y

Note:
[a]) applies not for extended field of application
*) as required to the end use application of the product
(-) not applicable

4 Classification and field of application

4.1 Reference of classification

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

4.2 Classification

The building elements of product family "BS" in relation to their reaction to fire behaviour will be classified:

E

The additional classification in relation to smoke production is:

- -

The additional classification in relation to flaming droplets / particles is:

- -

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The format of the reaction to fire classification for construction products is:

Table 3 Classification of the reaction to fire according to DIN EN 13501-1:2007:

Fire behaviour	*Smoke production*	*Flaming droplets*
E	**- -**	**- -**
Classification of reaction to fire: Class E		

The additional classification as to smoke production is inapplicable.
The additional classification as to flaming droplets / particles is inapplicable.

4.3 Field of application

This classification is valid for the following product parameters:

- For elastic sealing profiles from TPE of product family "BS", see annex 1
- For composition of TPE according to test report ift Rosenheim GmbH 10-001641-PB03-K06-01-de-01
- For named sealing profiles of product family with a density of approx. 1.28 g/cm³ in material variation M
- For named sealing profiles of product family with a density of approx. 1.03 g/cm³ in material variation L and R
- For named sealing profiles of product family with a density of approx. 1.27 g/cm³ in material variation T and TE
- The elastic sealing profiles from silicone shall be conformed to the deposited colours and material variations see annex 1.
- The elastic sealing profiles from silicone shall be conformed in the deposited dimensions, geometries and designs see test report **ift** Rosenheim GmbH 10-001641-PB03-K06-01-de-01.

The classification is valid for the following end use conditions:

- The surface of sealing profiles shall be left uncoated respectively shall not be covered by a cover or any kind.
- The elastic sealing profiles from TPE must be installed in appropriate carrier profiles.

5 Limitations

5.1 General

The composition shall be met the composition deposited at **ift** Rosenheim.
In composition with other building materials, subsurface or coatings other then mentioned in section 4.3, the reaction to fire may be influenced so bad that the classification in section 4.2 is not longer valid. The reaction to fire in those cases has to be proofed separately.

5.2 Warning

This document is no type approval or product certification. It doesn't replace an approval according to building code ("Landesbauordnung") where necessary.

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11. July 2011

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Annex 1: product family "BS"

Article report

No.	Article numbers	Colours	Material variations
1	S 6512a, S 6513, S 6515a, S 6518a, S 6612 (B), S 6615 (B), S 6577 (B), S 6699 (B),	colour independent	L, T, R and M
2	S 712 (B), S 715 (B), S 5376a, S 5434, S 5448 (B), S 5472 (B)	Black and grey	TE and M