

TFI Report 21-001444-03

Classification

of the Reaction to Fire according to EN 13501-1:2018

Customer

rohi stoffe GmbH
Schönlinderstr. 1
82538 Geretsried
GERMANY

Product

textile fabrics
CLEO

This report includes 4 pages and 0 annex.

Responsible at TFI

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Aachen, 06 January 2022



Dr. Bayram Aslan

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This report only applies to the tested samples 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 TFI Aachen GmbH, also with regard to the order execution.

TFI Aachen GmbH is a notified testing body (NB1658) under the EU Construction Products Regulation 305/2011 for the technical specifications EN 13813:2002, EN 14041:2004/AC:2006, EN 14342:2013, EN 14904:2006 and EN 15102:2007+A1:2011 and horizontally notified for fire tests according to EN ISO 9239-1 and EN ISO 11925-2.

1 Transaction

Test order	Classification of the reaction to fire according to EN 13501-1:2018
Order date	10 November 2021
Your reference	N. Pavleska
Product designation(s)	CLEO
TFI sample number	2102215

2 Product specification

The construction product is completely described in the test report mentioned under item 3. 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
TFI Aachen GmbH	rohi stoffe GmbH	21-001444-02 dated 06 January 2022	-
			EN ISO 11925-2:2020 (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/m²]	-	-	
		Integrated smoke value [% x min.]		-	
	EN ISO 11925-2:2020	Flame tip < 150 mm	6	-	Y

3.3 Classification and field of application

The construction product "CLEO" is classified as follows with regard to the reaction to fire:

E

The additional classification with regard to the smoke development is:

-

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

-

The format of the reaction to fire classification of construction products except floor coverings and pipe insulation is:

Reaction to fire		Smoke development			Burning droplets	
E		-	-		-	-

Classification of the reaction to fire: E

The measurement results are evaluated without consideration of the measurement uncertainty with reference to compliance with limit values, unless otherwise specified by the test standard.



This classification is valid for the following end use application:

Type of end use application	vertical application
Substrate	noncombustible substrates (Euroclass A1 and A2-s1,d0) with a gross density $\geq 1350 \text{ kg/m}^3$
Type of fixation	Loosely laid

Limitations

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