

TFI Report 470151-04

Classification

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

Customer

TAVUS YÜN HALI VE IPLIK San.Tic.A.S.
Istiklal Mah. Dolmabahçe Cad.No:9
34762 Ümraniye-Istanbul
TURKEY

Product

textile floor covering
TAVUS YÜN HALI

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

This report is a translation of test report no. 470151-02.

Responsible at TFI

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Aachen, 20 March 2017



Dr. Alexander Siebel
head of the testing laboratory

The present document is provided with an advanced electronic signature.

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.

1 Transaction

Test order	Classification of the reaction to fire according to EN 13501-1:2010
Order date	11 November 2016
Your reference	Erol Tavus
Product designation(s)	TAVUS YÜN HALI
TFI sample number	17-01-0205

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	TAVUS YÜN HALI VE IPLIK San.Tic.A.S.	470151-03 dated 20 March 2017	EN ISO 9239-1:2010
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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	8.5	
		Integrated smoke value [% x min.]		75	
	EN ISO 11925-2:2010	Flame tip < 150 mm	-	-	Y*

*According to EN 14041:2008, Section 4.1.4, Table 2, the product mentioned above fulfils the requirements of class E_{fl} without further testing.

3.3 Classification and field of application

The construction product "TAVUS YÜN HALI" is classified as follows with regard to the reaction to fire:

B_{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	
B_{fl}	-	s	1

Classification of the reaction to fire: B_{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
Washing and cleaning method	no

Limitations

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