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## Test Report VN736 176215.1

### Application

Determination of burning behaviour according to ÖNORM B 3825 and smoke emission according to ÖNORM A 3800-1.

### Test Material

"Fiord 2"

The test material used for testing was made anonymous for laboratory purposes.  
A detailed sample list is included in the document.

### Issuing

Original Issuing, 05.11.2020  
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**OETI - Institute for Ecology, Technology and Innovation GmbH**

A handwritten signature in blue ink that reads 'i. V. Zamböck'.

**Ing. Hannes Vittek**

Manager Flooring Technology & Interior Design



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## 1 Application

Date of Order	Scope of Order
22.10.2020	Description Of Specimen - Textile Fabrics - DIN 60000 Burning Behaviour Of Upholstery Fabrics - ÖNORM B 3825 Smoke Emission - ÖNORM A 3800-1

## 2 Samples

No.	Receipt	Sample Identification
1	24.10.2020	"Fiord 2"

(Unless otherwise stated samples are provided by the customer.)

## 3 Tests Performed / Results

### \*Description Of Specimen - Textile Fabrics DIN 60000

Tested sample: **#1 "Fiord 2"**

Type of fibre:	92% Wool 8% Polyamid (declaration by the applicant)
Technological description:	woven fabric

According to the current version of the relevant European Directives, fibre materials with a mass percentage of < 2 % are not specified.

## Burning Behaviour Of Upholstery Fabrics ÖNORM B 3825

Tested sample **#1 "Fiord 2"**

Arrangement of upholstery: Arrangement A: free chosen upholstery

Kind of upholstery: high resilient foam , properties: Burning behaviour: "schwerbrennbar" according to ÖNORM A 3800-1, Designation: RF 5560, Producer: Eurofoam

Number of test specimens: Longitudinal direction 3 / Cross direction 3

Direction	Specimen	Burning-time [sec]	Afterflame-time [sec]	Afterglow-time [sec]	Flame- spread rate [mm/sec]	Self-extinguishing before reaching measuring mark
Length	1	none	0	0	--	yes
	2	none	0	0	--	yes
	3	none	0	0	--	yes
Cross	1	none	0	0	--	yes
	2	none	0	0	--	yes
	3	none	0	0	--	yes

Secondary effects of burning:

self-extinguishing of fabric and upholstery

### Classification

According to the classification criteria the tested sample can be classified as:

**“schwerbrennbar“ according to ÖNORM B 3825**

Comments: This test is a compound test at which the furniture fabric will always be tested combined with upholstery. Classification, therefore, relates only to the described arrangement of specimens and foam used.

**Smoke Emission ÖNORM A 3800-1**Tested sample: **#1 "Fiord 2"**

Arrangement of the specimen: loose

<b>Maximum smoke emission [%]</b>					
<b>Specimen 1</b>	<b>Specimen 2</b>	<b>Specimen 3</b>	<b>Specimen 4</b>	<b>Specimen 5</b>	<b>Mean value</b>
11	25	37	18	11	<b>20</b>

**Classification**

According to the classification criteria the tested sample can be classified as:

**“Qualmbildungsklasse Q1 – schwachqualmend”**

according to ÖNORM A 3800-1

## 4 Remarks

### Period of Validity

There are no regulations concerning duration of validity in the individual test standards. As the results of the examinations refer only to the submitted and examined samples, the report is valid for these for an unlimited period. A period of validity specified as part of an expert evaluation is in the discretion of the consultant or OETI. The applicability of results and expert evaluations for materials not tested is in the responsibility of the applicant. Whereby an apportionment of results as well as any specified period of validity can only be done for identically constructed products and only as long as the product is produced unchanged. Possible national or international restrictions concerning the terms of usability of test and classification reports have to be considered; this is not the responsibility of the test laboratory.

### Sample Material

Results of performed tests only refer to the sample material provided. Without explicit written other agreement testing is destructive and the sample material is transferred to the property of OETI, which is entitled to freely decide on storage and disposal.

### Issuing

The valid first issue is done in paper and has single-handed signatures. Translations will be marked accordingly on the cover sheet.

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In this report individual non-accredited test procedures are marked with \*. Nevertheless, the analysis was also carried out for these parameters at the same level of quality as for the accredited parameters.

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End of Report