



Kvadrat A/S  
Lundbergsvej 10  
8400 Ebeltoft  
Denmark

**Your Reference**  
**Customer Number** 50136  
**Contact Person** Henriksen Lone  
**E-Mail** lh@kvadrat.dk

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## Test Report VN736 183485.1

### Application

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

### Test Material

"Atrium Outdoor"

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

### Issuing

Original Issuing, 22.04.2021  
Number Of Included Pages: 5

**OETI - Institute for Ecology, Technology and Innovation GmbH**

A handwritten signature in blue ink, appearing to read "Hannes Vittek".

**Ing. Hannes Vittek**

Manager Flooring Technology & Interior Design



OETI - Institut fuer Oekologie, Technik und Innovation GmbH | Siebenhirtenstrasse 12A, Objekt 8, 1230 Vienna, Austria  
tel +43 1 5442543-0 | e-mail office@oeti.biz | www.oeti.biz | FN 326826 b | VAT No. ATU65149029 | EORI ATEOS1000015903  
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## 1 Application

Date of Order	Scope of Order
19.03.2021	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	24.03.2021	"Atrium Outdoor"

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

## 3 Tests Performed / Results

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

Tested sample: **#1 "Atrium Outdoor"**

Type of fibre:	100% Trevira CS (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 "Atrium Outdoor"**

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:

Behaviour of the covering fabric: self-extinguished of the covering fabric

Behaviour of the upholstery: self-extinguished of the 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 "Atrium Outdoor"**

Arrangement of the specimen: loose

Maximum smoke emission [%]					
Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5	Mean value
25	16	26	15	41	<b>25</b>

### Classification

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

**"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

This test report is only issued as a PDF. Translations will be marked accordingly on the cover sheet.

### Quality Management, Accreditation And Notification

All tests and services are performed under a quality management system according to EN ISO/IEC 17025. OETI is accredited as Testing Laboratory and Certification Body for products. It also is a Notified Body (NB0534). (see <http://ec.europa.eu/enterprise/newapproach/nando/>). Accreditation was provided by Akkreditierung Austria. The scope of accreditation is listed on [www.oeti.biz](http://www.oeti.biz). Due to the system for the mutual recognition of national accreditations (ILAC/IAF), this accreditation is valid worldwide.

Statements of conformity are based on the specifications of the specified standard. The "simple acceptance rule" applies, that means the measurement uncertainty is stated for the statement of conformity, but not taken into account.

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.

According to the decree on the use of the accreditation mark ("AkkZV") the accredited Conformity Assessment Body is the only one to use the accreditation mark. Application of the registration number of the Notified Body: As to personal protective equipment (PPE) the requirements of Regulation (EU) 2016/425 have to be kept. With construction products the application is only permitted within the declaration of performance for CE-marking.

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End of Report