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Test Report VN736 175085.1

Application

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

Test Material

"Sumi / Kyoto + FR Treatment (Z)"

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

Issuing

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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
07.10.2020	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	07.10.2020	"Sumi / Kyoto + FR Treatment (Z)"

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

3 Tests Performed / Results

*Description Of Specimen - Textile Fabrics DIN 60000

Tested sample: #1 "Sumi / Kyoto + FR Treatment (Z)"

Type of fibre:	90% Wool 10% 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 "Sumi / Kyoto + FR Treatment (Z)"**

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-extinguished 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 3800-1Tested sample: **#1 "Sumi / Kyoto + FR Treatment (Z)"**

Arrangement of the specimen: loose

Maximum smoke emission [%]					
Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5	Mean value
8	4	14	16	19	12

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.

Quality Management, Accreditation And Notification

All tests and services are performed under a quality management system according to EN ISO/IEC 17025 respectively EN ISO/IEC 17065. 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. Due to the system for the mutual recognition of national accreditations (ILAC/IAF), this accreditation is valid worldwide.

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