



Report VNNF 083357.1 Test Report



Applicant

Camira Fabrics Ltd
Meltham Mills Road, West Yorkshire
Huddersfield HD9 4AY
Great Britain

Reference

Purchase Order No: 56376
Call 4469 + 4496
Ms. Rebecca Brook

Application

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

Test material

"Main Line Flax"

Material used in testing was anonymized for laboratory purposes. A detailed sample list is contained in the report.

Issuing and Signatures

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Authorised for Institute
Ing. Hannes Vittek

A handwritten signature in blue ink, appearing to read "Vitte", written over a horizontal dotted line.

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1 Order

1.1 Chronology

Date	Received	Order
17.05.2016	24.05.2016	Determination of the burning behaviour according to ÖNORM B 3825 as well as the smoke emission according to ÖNORM A 3800-1.

1.2 Samples

Nr.	Received	Sample Identification
1	24.05.2016	"Main Line Flax"

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

2 Findings / Tests performed

2.1 Description of the specimen

Description of the specimen according to DIN 60 000

Test results

Tested sample: 1

Type of fibre according to DIN 60 001 part 1	70% Wool, 30% Flax (declaration by the applicant)
Technological description	woven fabric

2.2 Determination of burning behaviour of upholstery fabrics

Test conditions

According to ÖNORM B 3825 (a)

Arrangement of upholstery: Arrangement A: free chosen upholstery

Kind of upholstery: foam: 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

Test results

Tested sample: 1

Specimen	Burning-time [s]	After-flame-time [s]	After-glow-time [s]	Flame spread rate [mm/s]	self-extinguishing before reaching the mark
Longitudinal direction					
1	none	0	0	--	yes
2	none	1	0	--	yes
3	none	1	0	--	yes
Cross direction					
1	none	1	0	--	yes
2	none	0	0	--	yes
3	none	1	0	--	yes

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

Behaviour of the upholstery: self-extinguished of the upholstery

Opinion

According to ÖNORM B 3825 the tested specimen can be classified as

"schwerbrennbar gemäß 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.

2.3 Determination of smoke emission

Test conditions

Standard: ÖNORM A 3800 (a) part 1/4.2

Arrangement of the specimen: loose

Test results

Tested sample: 1

smoke emission [%]					
Test 1	Test 2	Test 3	Test 4	Test 5	Mean Value
13	22	5	18	35	19

Classification

The tested specimen can be classified according to ÖNORM A 3800-1, item 4.2.1 as:

Qualmbildungsklasse Q1 - schwachqualmend

3 Remarks

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 the ÖTI.

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 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 ÖTI, which is entitled to freely decide on storage and disposal.

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All tests and services are performed under a quality management system according to EN ISO/IEC 17025 respectively EN ISO/IEC 17065.

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In this report test conditions of individual accredited test procedures are marked with (a).

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End of report