



Report VN736 130074.1 Test Report



Applicant

Camira Fabrics Ltd
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Huddersfield HD9 4AY
Great Britain

Reference

Purchase Order No: 60646
Mrs. Rebecca Grimes

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

"Synergy / Synergy 66 / Synergy 170"

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

Issuing and Signatures

Number of pages contained: 4
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Authorised for Institute
Ing. Hannes Vittek

A handwritten signature in blue ink, appearing to read 'Hannes Vittek', written over a dotted horizontal line.

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1 Order

1.1 Chronology

Date	Received	Order
18.05.2017	23.05.2017	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	23.05.2017	"Synergy / Synergy 66 / Synergy 170"

(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

Material composition (declaration by the applicant)	95% Wool 5% Polyamide
Technological description	Woven fabric, milled

2.2 Determination of burning behaviour of upholstery fabrics

Test conditions

According to ÖNORM B 3825

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	11	0	--	yes
2	none	18	0	--	yes
3	none	21	0	--	yes
Cross direction					
1	none	7	0	--	yes
2	none	9	0	--	yes
3	none	11	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

Opinion

According to ÖNORM B 3825 the tested specimen can be classified as
"normal brennbar 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 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
24	32	24	14	18	22

Classification

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

Qualmbildungsklasse Q1 - schwachqualmend

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3 Remarks

Validity

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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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End of report