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## Test Report VN736 170454.2

### Application

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

### Test Material

"Twill Weave"

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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## 1 Application

| Date of Order | Scope of Order   |
|---------------|--|
| 18.06.2020    | Description Of Specimen - Textile Fabrics - DIN 60000<br>Burning Behaviour Of Upholstery Fabrics - ÖNORM B 3825<br>Smoke Emission - ÖNORM A 3800-1 |

## 2 Samples

| No. | Receipt   | Sample Identification |
|-----|-----------|-----------------------|
| 1   | 22.06.020 | "Twill Weave"         |

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

## 3 Tests Performed / Results

Tested sample: **#1 "Twill Weave"**

|                            |   |
|----------------------------|---|
| Type of fibre:             | 90% Wool<br>10% Polyester<br>(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 "Twill Weave"**

Arrangement of upholstery: 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.



Tested sample: **#1 "Twill Weave"**

Arrangement of the specimen: loose

| Maximum smoke emission [%] |            |            |            |            |            |
|----------------------------|------------|------------|------------|------------|------------|
| Specimen 1                 | Specimen 2 | Specimen 3 | Specimen 4 | Specimen 5 | Mean value |
| 31                         | 55         | 50         | 56         | 55         | <b>49</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

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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End of Report