



## Report 71879 Test Report

### Applicant

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ÖSTERREICH

### Reference

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### Application

1. Extension of the period of validity of the report no. 55385.

### Test Material

„Mat with HTN (high twist Nylon) and washable NBR backing“

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: 7

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## 1 Order

### 1.1 Chronology

Date	Received	Order
2013-08-20	2013-08-21	1. Extension of the period of validity of the report no. 55385.

## 2 Introduction

This classification report defines the classification assigned to the building product „**Mat with HTN (high twist Nylon) and washable NBR backing**“ in accordance with the test methods fixed in EN 13501-1.

An orientating control-test of the burning behaviour of the submitted sample was performed. (See pt. 4.2)

## 3 Details of classified building product

### 3.1 General

The building product „**Mat with HTN (high twist Nylon) and washable NBR backing**“ is defined as flooring, the classification is valid for the end use application described under point 5.3.

### 3.2 Description of building product - Floor covering

Manufacturer:	Kleen-Tex (according to the specification by the applicant)
Manufacturing procedure:	tufted
Material of pile/wear layer:	100% Polyamide (according to the specification by the applicant)
Primary backing:	fleece
Structure of use surface:	cut pile
Colouring:	tonal effect
Secondary backing:	NBR (Nitril Butadiene Rubber)
Dimensions:	rug

	specification by ÖTI 1)	specification by the applicant
Mass	2406 g/m <sup>2</sup>	2600 g/m <sup>2</sup>
Weight of backing	--	1800 g/m <sup>2</sup>
Weight of substrate	--	100 g/m <sup>2</sup>
Thickness	5,7 mm	--
Total pile mass	--	680 g/m <sup>2</sup>
Pile mass above the substrate	562 g/m <sup>2</sup>	--
Pile thickness	3,5 mm	--
Pile height above backing	--	8 mm
Thickness of backing	--	1,4 mm basic rubber with a 1 mm border reinforcement

1) Determined orientating on one sample 20 cm x 20 cm in June 2013.

The applicant of this classification report guarantees the observance of the instructions of the product specification according to **EN 1307**.

## 4 Test reports and test results for the proof of the classification

### 4.1 Test report

Laboratory	ÖTI
Test report number	<b>55385</b>
Date of issue of the classification report	<b>2007-06-27</b>
Applicant	<b>KLEEN-TEX INDUSTRIES GMBH</b>
Test methods	EN ISO 11925-2 and EN ISO 9239-1

### 4.2 Test results - orientating control-test

	Test results	Number of tests
<b>Burning behaviour, EN ISO 9239-1 *)</b>		
Critical radiant flux	<b>8.5 kW/m<sup>2</sup></b>	1
Integral of smoke obscuration	<b>259 %·min</b>	1

\*) oriented testing in cross direction

## 5 Classification and field of application

### 5.1 Reference for classification

This classification was carried out within the scope of the classification report **55385** from **27<sup>th</sup> June 2007** in accordance with EN 13501-1 pt. 11 and 12.2.

### 5.2 Classification

Due to the results of the orientating control-test which was carried out, the primordially classification of the building product „**Mat with HTN (high twist Nylon) and washable NBR backing**“ is approved.

Burning behaviour	Smoke emission
C <sub>fl</sub>	s1
<b>Classification</b>	
C <sub>fl</sub> -s1	

### 5.3 Field of application

The classification is valid for the building product described in point 3 under the following end use conditions.

Application	Horizontal laid floor covering in form of mats.
Subfloors	Not burnable subfloors of euroclass A1 <sub>fl</sub> or A2 <sub>fl</sub> with a density of at least 1350 kg/m <sup>3</sup> .
Installation	unglued and glued/adhered

## 6 Limitations

### 6.1 Validity

Based on the present documents and the results of the performed control-test the validity of the classification report **55385** can be confirmed

The report stays valid as long as the products are produced in unchanged condition; this is in the responsibility of the manufacturer.

## 6.2 Notice

This classification document does not represent type permission or certifying the product.

If a building product should be CE marked according to system 3 of the attestation of conformity systems, the classification stated with this report is suitable as a basis for the declaration of the producer according to the attestation of conformity system 3, together with a CE marking in the context of the directive relating to construction products.

If the manufacturer plans a CE marking in connection with conformity system 3, he has to give an explanation, which has to be attached to the relevant documents. This explanation confirms, that there are no the specific materials, production processes or procedures (e.g. no additives of flame retarding materials, delimitation of organic components or additions of fillers), which are improving the burning behaviour to reach the obtained fire classification. As a consequence from this, the manufacturer drew the conclusion that the system 3 of the attestation of conformity systems is appropriate.

The testing laboratory therefore has played no role in the sampling procedure, although the testing laboratory keeps appropriate references from the manufacturer ready, in order to pursue the examined samples.

## 7 Äquivalenzbeurteilung zur Verwendung in Österreich

Unter Zugrundlegung der Anforderungsbedingungen ist eine eindeutige Zuordnung der ehemaligen österreichischen Brandklassifizierung zu einer europäischen Klasse nicht immer möglich und bedarf umfassender Einstufungserfahrung.

Die vorliegende Äquivalenzbeurteilung soll als Hilfestellung verstanden werden die zeigen soll, in welche europäische Klasse ein Bauprodukt fallen kann, das gemäß österreichischen Normen eingestuft wurde und umgekehrt.

Einstufung gemäß EN 13501-1	Anforderungen aus landesgesetzlichen Bestimmungen	
<b>A<sub>fl</sub></b>	nichtbrennbar, schwachqualmend	<b>A</b>
<b>A<sub>2fl-s1</sub></b>		
<b>B<sub>fl-s1</sub></b>	schwerbrennbar, schwachqualmend	<b>B1</b>
<b>C<sub>fl-s1</sub></b>		
<b>D<sub>fl-s1</sub></b>	normalbrennbar, schwachqualmend	<b>B2</b>
<b>A<sub>2fl-s2</sub></b>		
<b>B<sub>fl-s2</sub></b>		
<b>C<sub>fl-s2</sub></b>		
<b>D<sub>fl-s2</sub></b>		
<b>E<sub>fl</sub></b>	leichtbrennbar	<b>B3</b>
<b>F<sub>fl</sub><sup>1)</sup></b>		

<sup>1)</sup> Es wird darauf hingewiesen, dass die Europäische Klasse F auch die Tatsache ausdrücken kann, dass noch gar keine Klassifizierung stattgefunden hat.

## 8 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.

### Issuance

The valid first issue is done in paper and has single-handed signatures. For reference purposes and filing an unsigned electronic duplicate can be delivered in pdf format. Duplicates and translations will be marked accordingly on the cover sheet.

### Quality management and accreditations

This issue replaces report 66708, dated 2011-08-10.

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



The ÖTI is accredited as Test Laboratory and as Certification Body for products. It also is a Notified Body for several directives with the registration number 0534 (see <http://ec.europa.eu/enterprise/newapproach/nando/>).

The accreditation by the Federal Ministry of Economy, Family and Youth as testing laboratory was repeated under reference BMWFJ-97.714/0198-I/12/2012. Test conditions of individual accredited test procedures are marked with *accr.*). Details and other accreditations are given on request and can be found on [www.oeti.biz](http://www.oeti.biz).

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