



Report 69873

Classification Report on Burning Behaviour

Applicant

VIGANO PAVITEX S.p.A.
Via Carlinga 35
24035 Curno (BG)
ITALIEN

Reference

Ing. Alberto Vigano

Application

Classification of burning behaviour according to EN 13501-1.

Test Material

"TopCover"

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

Original Issue / Vienna 2012-11-20 / da/KK 253

Authorised for Institute
Ing. Hannes Vittek





Contents

1	Order.....	2
1.1	Chronology.....	2
2	Introduction.....	3
3	Details of classified building product.....	3
3.1	General.....	3
3.2	Description of the building product.....	3
4	Test reports and test results for the proof of the classification.....	4
4.1	Test report.....	4
4.2	Test results.....	4
5	Classification and field of application.....	5
5.1	Reference for classification.....	5
5.2	Classification.....	5
5.3	Field of application.....	5
6	Limitations.....	6
6.1	Notice.....	6
7	Äquivalenzbeurteilung zur Verwendung in Österreich.....	6
8	Remarks.....	7

1 Order

1.1 Chronology

<i>Date</i>	<i>Received</i>	<i>Order</i>
2012-10-30	2012-10-30	Classification of burning behaviour according to EN 13501-1.



2 Introduction

This classification report defines the classification assigned to the building product "**TopCover**" in accordance with the test methods fixed in EN 13501-1.

3 Details of classified building product

3.1 General

The building product "**TopCover**" is defined as flooring, the classification is valid for the end use application described under point 5.3.

3.2 Description of the building product

Manufacturing procedure:	needle felt, multi layer
Material of pile/wear layer:	100% Polyester (according to the specification by the applicant)
Structure of use surface:	flat
Colouring:	multicoloured unpatterned
Secondary backing:	PVC backing
Dimensions:	tiles

	specification by ÖTI	specification by the applicant
Mass	4000 g/m ²	3800 g/m ²
Thickness	4.5 mm	4.6 mm

The applicant of this classification report guarantees the observance of the instructions of the product specification according to EN 1470.



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

4.1 Test report

Laboratory	ÖTI
Test report number	69872
Date of issue	2012-11-20
Applicant	VIGANO PAVITEX S.p.A.
Test methods	EN ISO 11925-2 und EN ISO 9239-1

4.2 Test results

	Test results (Mean Value)	Number of tests
Ignitability, EN ISO 11925-2 Flame spread \leq 150 mm	yes	6
Burning behaviour, EN ISO 9239-1 Critical radiant flux	5.2 kW/m²	3
Integral of smoke obscuration	342 %·min	3



5 Classification and field of application

5.1 Reference for classification

This classification has been carried out in accordance with EN 13501-1.

5.2 Classification

Due to the results of the tests carried out, the building product "**TopCover**" can be classified as following.

Burning behaviour C_{fi}	Smoke emission s1
Classification C_{fi}-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 tiles
Subfloors	Not burnable subfloors of euroclass A1 _{fi} or A2 _{fi} with a density of at least 1350 kg/m ³ .
Installation	unglued and glued/adhered



6 Limitations

6.1 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	
A1 _{fl}	nichtbrennbar, schwachqualmend	A
A2 _{fl-s1}		
B _{fl-s1}	schwerbrennbar, schwachqualmend	B1
C _{fl-s1}		
D _{fl-s1}	normalbrennbar, schwachqualmend	B2
A2 _{fl-s2}		
B _{fl-s2}		
C _{fl-s2}		
D _{fl-s2}		
E _{fl}	leichtbrennbar	B3
F _{fl} ¹⁾		

¹⁾ 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

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

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

ÖTI is accredited by several organisations for various tests offered. 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 (Individual accredited test procedures are marked with the federal laboratory logo): The accreditation for testing and inspection of construction products was given by the OIB (Austrian Institute of Construction Engineering). Details and other accreditations are given on request and can be found on www.oeti.biz.

Validity type-examination

The validity of the type-examination is generally limited to a maximum of 5 years. If a reference standard will be modified before the 5-year period of validity is expired, the validity remains unchanged, except if the change was made for safety reasons. In this case, the validity ends with the withdrawal of the standard.

If all reference standards remain valid and no changes were made on the prototype, an extension of validity can be done. An application for extension of the validity may be placed at the earliest 12 months and no later than 6 months before the expiry of validity.

This issue replaced for all preceding issues of these type numbers.

Copyright und Usage Notes

It is pointed out, that any alterations, amendments or falsifications of reports not authorized by the issuer of the report will be prosecuted as civil and criminal offences; this especially to the appropriate requirements of ABGB, UrhG, UWG and criminal law and their respective international equivalents.

Reports are protected under international copyright laws. Written consent of the ÖTI is required for publications (also in excerpt) and reference to tests for public relation purposes. Reports may only be reproduced in full length.