



## Report VN710 143860.2 Classification Report

### Applicant

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### Reference

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### Application

Classification of the burning behaviour according to EN 13501-1.

### Test material

„Ecosafe“

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: 6

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Authorised for Institute  
Ing. Hannes Vittek

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## 1 Order

### 1.1 Chronology

Date	Received	Order
20.07.2018	24.07.2018	Classification of the burning behaviour according to EN 13501-1.

## 2 Introduction

This classification report defines the classification assigned to the building product „Ecosafe“ in accordance with the test methods fixed in EN 13501-1.

## 3 Details of classified building product

### 3.1 General

The building product „Ecosafe“ 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

Material of the wear layer:	PVC (declaration by the applicant)
Construction:	heterogeneous
Character of the surface:	non transparent
Type of floor covering	smooth floor covering
Character of the surface:	grained surface
Colour/pattern of the surface:	scattered
Dimensions:	rolls
Mass: *)	2900 g/m <sup>2</sup>
Thickness: *)	2,1 mm

\*) determined on a sample of 20 x 20 cm

**The submitted specimen is a heterogeneous PVC floor covering according to EN ISO 10582.**

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

### 4.1 Test report

Laboratory	ÖTI
Test report number	<b>VN710 143860.1</b>
Date of issue	<b>20.08.2018</b>
Applicant	Graboplast Floor Covering Manufacturing Ltd.
Test methods	EN ISO 11925-2 and EN ISO 9239-1

## 4.2 Test results

	Test results (Mean Value)	Number of tests
<b>Ignitability, EN ISO 11925-2</b> Flame spread $\leq$ 150 mm	<b>yes</b>	6
<b>Burning behaviour, EN ISO 9239-1</b> Critical radiant flux	<b>10,1 kW/m<sup>2</sup></b>	3
Integral of smoke obscuration	<b>108 %·min</b>	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 „Ecosafe“ can be classified as following.

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

### 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 in form of rolls
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	glued
Adhesive	„Eurocol 643“, Type: dispersion adhesive, Producer: Forbo, or similar. Note: According to EN13501-1 the stated classification is valid for the tested floor covering together with the tested adhesive, as well as for all other adhesives of the same generic type as the tested adhesive.

## 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 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 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 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

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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.

OETI is accredited as Testing Laboratory and 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/>). Accreditation was provided by Akkreditierung Austria. The scope of accreditation is listed on [www.oeti.biz](http://www.oeti.biz). Due to the system for the mutual recognition of national accreditations (ILAC/IAF), this accreditation is valid worldwide. In this report individual non-accredited test procedures are marked with \*. However, the analysis was also carried out for these parameters at the same level of quality as for the accredited parameters.

According to the decree on the use of the accreditation mark ("AkkZV") the accredited Conformity Assessment Body is the only one to use the accreditation mark. Application of the registration number of the Notified Body: As to personal protective equipment (PPE) the requirements of Regulation (EU) 2016/425 have to be kept. With construction products the application is only permitted within the declaration of performance for CE-marking.

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End of report