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Vienna / 01.03.2024 / guse

## Classification Report VN710 236586.2

### Application

Classification of burning behaviour according to EN 13501-1.

### Test Material

PA-ECT350

The test material used for testing was made anonymous for laboratory purposes.  
A detailed sample list is included in the document.

### Issuing

Original Issuing, 01.03.2024

Number Of Included Pages: 8

**OETI - Institut fuer Oekologie, Technik und Innovation GmbH**

A handwritten signature in blue ink, appearing to read "Günther Sereinig".

**Günther Sereinig**

Customer Service Officer





## 1 Application

Date of Order	Scope of Order
01.02.2024	Classification Of Burning Behaviour - EN 13501-1 (2018-12)

## 2 Introduction

This classification report defines the classification assigned to the building product group “PA-ECT350” (B<sub>fl</sub>-s1) in accordance with the test methods fixed in EN 13501-1.

## 3 Details of classified building product

### 3.1 General

The building product group “PA-ECT350” (B<sub>fl</sub>-s1) 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

The building product group “PA-ECT350” (B<sub>fl</sub>-s1) is defined according EN 14041 as following.

Type	Textile floor covering with cut pile according to EN 1307
Dimensions	Tiles
Manufacturing technique	Tufted
Surface structure	Cut Pile
Backing	Textile backing – nonwoven (Felt – Ecotrust 350)
Pile material	100% Polyamide
Total weight	2600 – 3800 g/m <sup>2</sup>
Pile weight	630 – 1500 g/m <sup>2</sup>
Total thickness	8.0 – 14.4 mm
Pile thickness	4.0 – 9.2 mm



Type	Textile floor covering with loop pile according to EN 1307
Dimensions	Tiles
Manufacturing technique	Tufted
Surface structure	Loop Pile
Backing	Textile backing – nonwoven (Felt – Ecotrust 350)
Pile material	100% Polyamide
Total weight	2400 – 3500 g/m <sup>2</sup>
Pile weight	440 – 950 g/m <sup>2</sup>
Total thickness	6.2 – 9.8 mm
Pile thickness	2.0 – 6.0 mm

Type	Textile floor covering without pile according to EN 1307
Dimensions	Tiles
Manufacturing technique	Woven (flat woven)
Surface structure	Loop Similar
Backing	Textile backing – nonwoven (Felt – Ecotrust 350)
Pile material	100% Polyamide
Total weight	2175 – 2675 g/m <sup>2</sup>
Total thickness	4.0 – 5.5 mm

The applicant of this classification report guarantees the observance of the instructions for building product groups according EN 14041 as well as the observance of the instructions of the product specification according to EN 1307.



The following articles are part of the building product group “PA-ECT350” (Bfl-s1).

	Surface Structure	Manufacturing technique	Pile weight [g/m <sup>2</sup> ]	Total weight [g/m <sup>2</sup> ]	Total thickness [mm]	Pile thickness [mm]
Epoca Silky ECT350	Cut	Tufted	1500	3800	14.4	9.2
Epoca Twist ECT350	Cut	Tufted	1100	3050	8.5	5.0
Highline 1100 ECT350	Cut	Tufted	1100	3050	9.0	5.5
Highline 630 ECT350	Cut	Tufted	630	2600	8.0	4.0
Highline 750 ECT350	Cut	Tufted	750	2850	8.2	4.0
Contra Stripe ECT350	Loop	Tufted	700	2650	7,0	2,5
Ege Tuft 440 ECT350	Loop	Tufted	440	2450	7,0	3.0
Ege Tuft 650 ECT350	Loop	Tufted	695	3500	9,8	2,9
Ege Tuft 950 ECT350	Loop	Tufted	950	3000	8,5	4,0
Epoca Classic ECT350	Loop	Tufted	725	2600	7,0	3,0
Epoca Nordic ECT350	Loop	Tufted	700	2650	7,0	2,5
Highline Carré ECT350	Loop	Tufted	440	2400	7.0	3.0
Highline Loop ECT350	Loop	Tufted	680	2700	8,0	4,0
ReForm Calico ECT350	Loop	Tufted	680	2700	8,0	4,0
Tinta ECT350	Loop	Tufted	950	2975	9,5	6,0
Una Crystalline ECT350	Loop	Tufted	950	2975	9,5	6,0
Una Grano ECT350	Loop	Tufted	570	2790	7,0	3,0
Una Mikado ECT350	Loop	Tufted	950	2900	9,0	5,0
Una Mineral ECT350	Loop	Tufted	570	2770	6,2	2,0
Una Tempo ECT350	Loop	Tufted	500	2400	7,0	3,0
Una Tempo Stripe ECT350	Loop	Tufted	500	2400	7,0	3,0
Eco Knit ECT350	Loop	Woven	-	2550	5,5	-
Una Level ECT 350	Loop similar	Woven	-	2225	4,7	-
Eco Profile ECT350	Loop	Woven	-	2625	5,0	-
Eco Rustic ECT350	Loop	Woven	-	2375	4,5	-
Epoca Rustic ECT350	Loop	Woven	-	2400	5.0	-
Rawline Scala ECT350	Loop	Woven	-	2675	5,0	-
Una Brick ECT350	Loop	Woven	-	2175	4,0	-
Una Micro ECT350	Loop	Woven	-	2400	5,0	-
Una Micro Stripe ECT350	Loop	Woven	-	2400	5,0	-

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

For building product groups preliminary trials had to be carried out (for the most unfavourable case a complete test has to be carried out) respectively the test results of these "border-qualities" are used for the judgement; the classification is done according to the worst case.

##### 4.1 Test reports

Laboratory	OETI
Article	Highline 750 ECT350
Test report number	VN710 141653.1
Date of issue	2018-08-06
Applicant	Egetaepper A/S

Laboratory	ÖTI
Purpose	Comparison "Tackified / Eco Pad fixation"
Test report number	VN710 156429.2
Date of issue	21.10.2019
Applicant	Egetaepper A/S

##### 4.2 Test results

	Test results (Mean Value)	Number of tests
<b>"Highline 750 ECT350"</b>		
<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>8.1 kW/m<sup>2</sup></b>	3
Integral of smoke obscuration	<b>110 %.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 group “PA-ECT350” (Bfl-s1) 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 group 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 <sub>fl</sub> or A2 <sub>fl</sub> with a density of at least 1350 kg/m <sup>3</sup> .
Installation	Tackified and “Eco Pad” fixation
Adhesive	Polyacrylat-copolymer dispersion adhesive (“ege modular tackifier”) 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

### **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. The testing period is defined as timeframe between receipt of samples and issue date of test report. 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**

This test report is only issued as a PDF. Translations will be marked accordingly on the cover sheet.

### **Quality Management, Accreditation And Notification**

All tests and services are performed under a quality management system according to EN ISO/IEC 17025. OETI is accredited as Testing Laboratory and Certification Body for products. It also is a Notified Body (NB0534). (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.

Statements of conformity are based on the specifications of the specified standard. The "simple acceptance rule" applies, that means the measurement uncertainty is stated for the statement of conformity, but not taken into account.

In this report individual non-accredited test procedures are marked with \*. Nevertheless, the analysis was also carried out for these parameters at the same level of quality as for the accredited parameters. The accreditation marking refers to the time of the first issuance of the report.

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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