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Classification Report VN710 203464.2 - 3

Application

Classification of burning behaviour according to EN 13501-1.

Test Material

"PA-WT"(Bfl-s1)

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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OETI - Institut fuer Oekologie, Technik und Innovation GmbH

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Customer Service Officer





1 Application

Date of Order	Scope of Order
08.02.2017	Classification Of Burning Behaviour - EN 13501-1

2 Introduction

This classification report defines the classification assigned to the building product group “**PA-WT (B_f-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-WT (B_f-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-WT**” (**B_{fl}-s1**) is defined according EN 14041 as following.

Type	Textile floor coverings with pile according to EN 1307
Dimensions	Rolls
Manufacturing technique	Tufted
Surface structure	Cut Pile
Backing	Woven Secondary Backing
Pile material	100% Polyamide
Total weight	2050 – 2550 g/m ²
Total thickness	6,5 – 8,0 mm
Pile weight	630 – 1100 g/m ²
Pile thickness	4,0 – 5,5 mm

Type	Textile floor coverings with pile according to EN 1307
Dimensions	Rolls
Manufacturing technique	Tufted
Surface structure	Loop Pile
Backing	Woven Secondary Backing
Pile material	100% Polyamide
Total weight	2175 – 2700 g/m ²
Total thickness	5,0 – 8,0 mm
Pile weight	500 – 950 g/m ²
Pile thickness	2,5 – 5,5 mm



Type	Textile floor coverings without pile according to EN 1307 ^K
Dimensions	Rolls
Manufacturing technique	Woven
Surface structure	Loop similar ^K
Backing	Woven Secondary Backing
Pile material	100% Polyamide
Total weight	1750 – 2225 g/m ²
Total thickness	3,0– 3,5 mm
Pile weight	450 - 625 g/m ²

K...Comment on revision see chapter Remarks/Quality Management

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-WT" (B_{fl} –s1).

Article	Surface Structure	Manu- facturing technique	Total weight [g/m ²]	Total thickness [mm]	Pile weight [g/m ²]	Pile thickness [mm]
Highline 1101 WT	Cut	Tufted	2550	8,0	1100	5,5
Highline 630 WT	Cut	Tufted	2050	6,5	630	4,0
Highline 751 WT	Cut	Tufted	2250	7,5	760	5,5
Highline 750 WT	Cut	Tufted	2150	7,5	750	5,0
Highline 911 WT	Cut	Tufted	2350	7,5	910	5,0
Contra WT	Loop	Tufted	2450	5,5	675	2,5
Contra Stripe WT	Loop	Tufted	2475	5,5	700	2,5
Ege Tuft 650 WT	Loop	Tufted	2500	6.1	695	2.9
Una Crystalline WT	Loop	Tufted	2700	8,0	950	5,5
Una Grano WT	Loop	Tufted	2500	5,5	570	2,5
Una Mikado WT	Loop	Tufted	2600	7,4	720	4,6
Una Mineral WT	Loop	Tufted	2175	5.0	570	3.0
Una Tempo Stripe WT	Loop	Tufted	2200	5,5	500	2,5
Una Tinta WT	Loop	Tufted	2700	8,0	950	5,5
Epoca Rustic WT	Loop	Woven	1750	3,5	450	--
Eco Rustic WT	Loop	Woven	1850	3,0	450	--
Eco Profile WT	Loop	Woven	1850	3,5	625	--
Eco Iqu WT	Loop	Woven	2225	3,5	535	--

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

For building product groups preliminary trials with the heaviest/thickest and lightest/thinnest quality have 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", as well as the results of other qualities which have been tested within this group, are used for the judgement. The classification is done according to the worst case.

4.1 Test reports

Laboratory	ÖTI
Article	Highline 630 WT
Test report number	VNLF 81725.1
Date of issue	2016-03-19
Applicant	Egetaepper A/S
Test methods	EN ISO 11925-2 and EN ISO 9239-1

Laboratory	ÖTI
Article	Una Tempo Stripe WT
Test report number	VNLF 82004.4
Date of issue	2016-01-25
Applicant	Egetaepper A/S
Test methods	EN ISO 11925-2 and EN ISO 9239-1

Laboratory	ÖTI
Article	Una Mikado WT
Test report number	VN710 130989.1
Date of issue	2017-07-14
Applicant	Egetaepper A/S
Test methods	EN ISO 11925-2 and EN ISO 9239-1



Laboratory	ÖTI
Article	Epoca Rustic WT
Test report number	VN710 132403.1
Date of issue	2017-09-20
Applicant	Egetaepper A/S
Test methods	EN ISO 11925-2 and EN ISO 9239-1

K...Comment on revision see chapter Remarks/Quality Management

4.2 Test results

	Test results (Mean Value)	Number of tests
“Highline 630 WT”		
Ignitability, EN ISO 11925-2		
Flame spread \leq 150 mm	yes	6
Burning behaviour, EN ISO 9239-1		
Critical radiant flux	9,6 kW/m²	2
Integral of smoke obscuration	< 10 %.min	2
“Una Tempo Stripe WT”		
Ignitability, EN ISO 11925-2		
Flame spread \leq 150 mm	yes	6
Burning behaviour, EN ISO 9239-1		
Critical radiant flux	9,7 kW/m²	6
Integral of smoke obscuration	63 %.min	6
“Una Mikado WT”		
Ignitability, EN ISO 11925-2		
Flame spread \leq 150 mm	yes	6
Burning behaviour, EN ISO 9239-1		
Critical radiant flux	8,5 kW/m²	6
Integral of smoke obscuration	115 %.min	6
“Epoca Rustic WT”		
Ignitability, EN ISO 11925-2		
Flame spread \leq 150 mm	yes	6
Burning behaviour, EN ISO 9239-1		
Critical radiant flux	8,2 kW/m²	6
Integral of smoke obscuration	132 %.min	6

K...Comment on revision see chapter Remarks/Quality Management

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-WT**” (**B_{fl}-s1**) can be classified as following.

Burning behaviour	Smoke emission
B_{fl}	s1
Classification	
B_{fl}-s1	

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 rolls
Subfloors	Not burnable subfloors of euroclass A1 _{fl} or A2 _{fl} with a density of at least 1350 kg/m ³ .
Installation	glued
Adhesive	Polyacrylat-copolymer dispersion adhesive (“Ege 90RH”) 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. 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

This issue replaces report VN736 203464.2-2, dated 04.08.2022. Reason for revision: wrong product mentioned. 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. 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.

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