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Classification Report VN710 174089.1-2

Application

Classification of burning behaviour according to EN 13501-1.

Test Material

"PA-WT" (Cfl-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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Member of TESTEX Group



1 Application

Date of Order	Scope of Order
15.09.2020	Classification Of Burning Behaviour - EN 13501-1

2 Introduction

This classification report defines the classification assigned to the building product group “**PA-WT**” (**C_{fl} – 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**” (**C_{fl} – 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 products

The building product group “PA-WT” (C_{fl} – s1) is defined according EN 14041 as following.

Type	Textile floor coverings with cut pile according to EN 1307
Dimensions	Rolls
Manufacturing technique	Tufted
Backing	Woven Secondary Backing
Pile material	100% Polyamide
Total weight	2150 – 3550 g/m ²
Total thickness	7,0 – 15,5 mm
Pile weight	750 – 2000 g/m ²
Pile thickness	5,0 – 13,0 mm

Type	Textile floor coverings with loop pile according to EN 1307
Dimensions	Rolls
Manufacturing technique	Tufted
Backing	Woven Secondary Backing
Pile material	100% Polyamide
Total weight	2050 – 2750 g/m ²
Total thickness	5,0 – 8,0 mm
Pile weight	440 – 1100 g/m ²
Pile thickness	3,0 – 4,0 mm

Type	Textile floor coverings without pile according to EN 1307
Dimensions	Rolls
Manufacturing technique	Woven (flat woven)
Surface structure	Loop similar (plain, ribbed and structured)
Backing	Woven Secondary Backing
Pile material	100% Polyamide
Total weight	1650 – 2600 g/m ²
Total thickness	3,0 – 4,5 mm
Pile weight	280 – 700 g/m ²

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” (C_{fl} – s1) .

Article	Surface Structure	Manu- facturing technique	Total weight [g/m ²]	Total thickness [mm]	Pile weight [g/m ²]	Pile thickness [mm]
Contract 2018 WT	Cut	Tufted	2150	7,0	750	5,0
Epoca Moss WT	Cut	Tufted	2925	11,5	1750	9,0
Epoca Silky WT	Cut	Tufted	3050	11,5	1500	9,0
Epoca Texture WT	Cut	Tufted	2650	8,0	1100	5,5
Epoca Texture 2000 WT	Cut	Tufted	3550	15,5	2000	13,0
Epoca Twist WT	Cut	Tufted	2700	8,0	1100	5,5
Highline 1100 WT	Cut	Tufted	2550	8,0	1100	5,5
Highline 750 WT	Cut	Tufted	2150	7,5	750	5,0
Highline 910 WT	Cut	Tufted	2350	7,5	910	5,0
Ege Tuft 440 WT	Loop	Tufted	2050	5,5	440	3,0
Ege Tuft 950 WT	Loop	Tufted	2500	8,0	950	4,0
Epoca Chess WT	Loop	Tufted	2750	6,0	1100	3,0
Epoca Classic WT	Loop	Tufted	2350	6,5	590	4,0
Epoca Classic 1/10 WT	Loop	Tufted	2500	5,5	725	3,0
Epoca Frame WT	Loop	Tufted	2500	5,5	800	3,0
Epoca Ribs WT	Loop	Tufted	2100	5,0	750	3,0
Highline Carré WT	Loop	Tufted	2050	5,5	440	3,0
Highline Loop e16 WT	Loop	Tufted	2100	6,5	850	3,0
Highline Loop WT	Loop	Tufted	2200	7,0	680	4,0
ReForm Calico WT	Loop	Tufted	2200	7,0	680	4,0
Una Tempo WT	Loop	Tufted	2200	5,5	500	3,0
Epoca Compact WT	Loop similar	Flat Woven	2600	4,0	700	--
Epoca Globe WT	Loop similar	Flat Woven	2350	4,0	700	--
Epoca Knit WT	Loop similar	Flat Woven	2100	4,0	560	--
Epoca Plait WT	Loop similar	Flat Woven	2400	4,0	700	--
Epoca Pro WT	Loop similar	Flat Woven	2450	4,0	700	--
Epoca Profile WT	Loop similar	Flat Woven	2350	3,5	625	--
Epoca Rasp WT	Loop similar	Flat Woven	2100	4,5	700	--
Epoca Structure WT	Loop similar	Flat Woven	2400	4,5	700	--
Rawline WT	Loop similar	Flat Woven	1800	3,4	345	--
Una Brick WT	Loop similar	Flat Woven	1650	3,0	280	--
Una Casa WT	Loop similar	Flat Woven	2200	3,5	400	--
Una Micro WT	Loop similar	Flat Woven	2400	3,0	550	--

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

For this building product group preliminary trials were carried out (for the most unfavourable case complete tests were carried out). The classification was done according to the worst case ("Contract 2018 WT", "Epoca Chess WT", "Una Micro WT").

4.1 Test report

Laboratory	OETI
Article	Contract 2018 WT
Test report number	140525.1
Date of issue	2018-06-12
Applicant	EGETAEPER A/S
Test methods	EN ISO 9239-1

Laboratory	DBI
Article	Epoca Chess WT
Test report number	PF12442w
Date of issue	2006-11-09
Applicant	Egetaepper A/S
Test methods	EN ISO 11925-2 and EN ISO 9239-1

Laboratory	DBI
Article	Una Micro WT
Test report number	PFA10625b
Date of issue	2014-11-11
Applicant	Egetaepper A/S
Test methods	EN ISO 11925-2 and EN ISO 9239-1

4.2 Test results

	Test results (Mean Value)	Number of tests
“Contract 2018 WT”		
Burning behaviour, EN ISO 9239-1		
Critical radiant flux	6,6 kW/m²	2
Integral of smoke obscuration	46 %.min	2
“Epoca Chess WT”		
Ignitability, EN ISO 11925-2		
Flame spread ≤ 150 mm	yes	6
Burning behaviour, EN ISO 9239-1		
Critical radiant flux	5,3 kW/m²	3
Integral of smoke obscuration	385 %.min	3
“Una Micro WT”		
Ignitability, EN ISO 11925-2		
Flame spread ≤ 150 mm	yes	6
Burning behaviour, EN ISO 9239-1		
Critical radiant flux	6,0 kW/m²	3
Integral of smoke obscuration	140 %.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 group “**PA-WT**” (**C_{fi} – s1**) can be classified as following.

Burning behaviour	Smoke emission
C_{fi}	s1
Classification	
C_{fi}-s1	

5.3 Field of application

The classification is valid for the building product group “**PA-WT**” (**C_{fi} – s1**) 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 _{fi} or A2 _{fi} with a density of at least 1350 kg/m ³ .
Installation	glued
Adhesive	Polyacrylat-copolymer dispersion adhesive (“ege 90RH” / “Uzin UZ 57”) Note: According to EN13501-1(a) 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

The valid first issue is done in paper and has single-handed signatures. Translations will be marked accordingly on the cover sheet.

Quality Management, Accreditation And Notification

This issue is a rewriting of report 174089.1, dated 15.09.2020.

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 (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.

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