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Your Reference	"PA-WT" (Cfl-s1)
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Classification Report VN710 243730.2

Application
Classification of the 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.

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OETI - Institut fuer Oekologie, Technik und Innovation GmbH

Günther Sereinig
Customer Service Officer

1 Application

Date of Order	Scope of Order
18.06.2024	Classification Of Burning Behaviour - EN 13501-1 (2018-12)

2 Introduction

This classification report defines the classification assigned to the building product group **"PA-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
Surface structure	Cut pile
Backing	Woven Secondary Backing
Pile material	100% Polyamide
Total weight	2150 – 3550 g/m²
Total thickness	7,0 – 15,5 mm
Pile weight	750 – 2000 g/m²
Pile thickness	4,0 – 13,0 mm

Type	Textile floor coverings with loop pile according to EN 1307
Dimensions	Rolls
Manufacturing technique	Tufted
Surface structure	Loop pile [A)]
Backing	Woven Secondary Backing
Pile material	100% Polyamide
Total weight	2100 – 2750 g/m²
Total thickness	5,0 – 8,0 mm
Pile weight	570 – 1100 g/m²
Pile thickness	2,5 – 5,5 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
Pile weight	280 – 1150 g/m²
Total weight	1650 – 2900 g/m²
Total thickness	3,0 – 5,0 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-WT" (C_{fl} – s1)** .

Article	Surface Structure	Manufacturing technique	Total weight [g/m²]	Total thickness [mm]	Pile weight [g/m²]	Pile thickness [mm]
Contract 2018 WT	Cut	Tufted	2 150	7,0	750	5,0
Epoca Moss WT	Cut	Tufted	2 925	11,5	1 750	9,0
Epoca Silky WT	Cut	Tufted	3 050	11,5	1 500	9,0
Epoca Texture 2000 WT	Cut	Tufted	3 550	15,5	2 000	13,0
Freya WT	Cut	Tufted	2 700	8,0	950	4,0
Epoca Texture WT	Cut	Tufted	2 650	8,0	1 100	5,5
Epoca Twist WT	Cut	Tufted	2 700	8,0	1 100	5,5
Highline 910 WT	Cut	Tufted	2 350	7,5	910	5,0
Highline 1100 WT	Cut	Tufted	2 550	8,0	1 100	5,5
Highline 1200 WT	Cut	Tufted	2 650	8,0	1 200	5,5
Ege Tuft 950 WT	Loop	Tufted	2 500	8,0	950	4,0
Epoca Chess WT	Loop	Tufted	2 750	6,0	1 100	3,0
Epoca Classic WT	Loop	Tufted	2 350	6,5	590	4,0
Epoca Classic 1/10 WT	Loop	Tufted	2 500	5,5	725	3,0
Epoca Frame WT	Loop	Tufted	2 500	5,5	800	3,0
Epoca Ribs WT	Loop	Tufted	2 100	5,0	750	3,0
Highline Loop e16 WT	Loop	Tufted	2 100	6,5	850	3,0
Loke WT	Loop	Tufted	2 100	5,0	675	2,5
Highline Loop WT	Loop	Tufted	2 200	7,0	680	4,0
Balder WT	Loop	Tufted	2 200	5,5	570	2,5
Odin WT	Loop	Tufted	2 650	7,0	980	4,5
Thor WT	Loop	Tufted	2 750	8,0	950	5,5
ReForm Calico WT	Loop	Tufted	2 200	7,0	680	4,0
Eco Compact WT	Loop similar	Flat Woven	2 500	4,0	600	--
Eco Knit WT	Loop similar	Flat Woven	2 125	4,0	560	--
Eco Pro WT	Loop similar	Flat Woven	2 450	4,0	615	--
Eco Stucture WT	Loop similar	Flat Woven	2 250	4,0	550	--
Eco Syn WT	Loop similar	Flat Woven	2 900	5,0	1 150	--
Eco Zen WT	Loop similar	Flat Woven	2 750	5,0	930	--
Epoca Compact WT	Loop similar	Flat Woven	2 600	4,0	700	--
Epoca Globe WT	Loop similar	Flat Woven	2 350	4,0	700	--
Epoca Knit WT	Loop similar	Flat Woven	2 125	4,0	560	--

Epoca Plait WT	Loop similar	Flat Woven	2 400	4,0	700	--
Epoca Pro WT	Loop similar	Flat Woven	2 450	4,0	700	--
Epoca Profile WT	Loop similar	Flat Woven	2 350	3,5	625	--
Alfa WT	Loop similar	Flat Woven	2300	4,0	600	--
Beta WT	Loop similar	Flat Woven	2350	4,0	615	--
Beta Design WT	Loop similar	Flat Woven	2100	4,0	700-710	--
Gamma WT	Loop similar	Flat Woven	2325	4,5	590	--
Cable WT	Loop similar	Flat Woven	2075	4,5	480	--
Sigma WT	Loop similar	Flat Woven	1950	3,5	480	--
Golf WT	Loop similar	Flat Woven	1900	3,5	625	--
Kaviar WT	Loop similar	Flat Woven	1900	3,5	331	--
Una Level WT	Loop similar	Flat Woven	1725	3,2		
Sierra WT	Loop similar	Flat Woven	1725	3,2		
Epoca Rasp WT	Loop similar	Flat Woven	2 100	4,5	700	--
Epoca Stucture WT	Loop similar	Flat Woven	2 400	4,5	700	--
Rawline WT	Loop similar	Flat Woven	1 800	3,4	345	--
Una Brick WT	Loop similar	Flat Woven	1 650	3,0	280	--
Una Casa WT	Loop similar	Flat Woven	2 200	3,5	400	--
Una Micro WT	Loop similar	Flat Woven	2 400	3,0	550	--

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

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

4.1 Test report

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

4.2 Test results

	Test results (Mean Value)	Number of tests
"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

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_{fl} – s1)** can be classified as following.

Burning behaviour	**Smoke emission**
C_{fl}	**s1**
Classification	
C_{fl}-s1	

5.3 Field of application

The classification is valid for the building product group **"PA-WT" (C_{fl} – 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 $A1_{fl}$ or $A2_{fl}$ with a density of at least 1350 kg/m³.
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. 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.

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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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