



Report VN710 127208.5 Classification Report



Applicant

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FRANCE

Reference

Estella Celas

Application

Classification of burning behaviour according to EN 13501-1.

Test material

"Group 13/3"

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: 10
Original Issue / Vienna 02.03.2017 / da2

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1 Order

1.1 Chronology

Date	Received	Order
30.12.2016	30.12.2016	Classification of burning behaviour according to EN 13501-1.

(Unless otherwise stated samples are provided by the customer.)

2 Introduction

This classification report defines the classification assigned to the building product group **“Group 13/3”** in accordance with the test methods fixed in EN 13501-1.

3 Details of classified building product

3.1 General

The building product group **“Group 13/3”** 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 **“Group 13/3”** is defined according EN 14041 as following.

Type	expanded (cushioned) PVC- floor coverings
Dimensions	rolls
Construction	heterogeneous
Surface structure	grained surface
Total weight	1150 g/m ² to 2765 g/m ²
Total thickness	1.3 mm to 4.0 mm
Wear layer thickness	0.15 mm to 0.70 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 ISO 26986.

The following articles are part of the building product group **“Group 13/3”**.

Article	Total weight [g/m ²]	Total thickness [mm]	Wear layer thickness [mm]
ACTUAL	1450	2.8	0.15
ACTUAL K	1450	2.8	0.15
ACTUAL PLUS	1490	2.8	0.20
Adagio	1935	2.8	0.35
Allegro	1935	2.8	0.35
ALPHA	1250	2.0	0.20
Ambient	2600	2.5	0.60
Andante	1935	2.8	0.35
Antonio4	1990	2.8	0.35
ATLANTA	1200	2.0	0.15
ATLANTIC	1200	2.0	0.15
Atrium	1310	2.3	0.15
Atrium M30	1310	2.3	0.15
AVANT	1700	3.0	0.20
BARTOLI	1530	2.8	0.18

Article	Total weight [g/m²]	Total thickness [mm]	Wear layer thickness [mm]
Belinda SE	1460	2.7	0.15
BRAZIL	1530	2.8	0.18
BRIDGE	1220	1.5	0.15
CALLISTA	1500	2.8	0.15
Catalina	1640	2.5	0.20
Celtic Stone	1915	3.0	0.25
CHAMPION	1530	2.8	0.18
CHIPS	2120	2.4	0.60
Comfort Bac C	1275	1.7	0.25
CONDOR	1220	1.5	0.15
Corina plus	1460	2.7	0.15
Corinagrip	1310	2.3	0.15
Corinagrip SP	1180	1.8	0.15
CORTEX	1250	2.1	0.15
Crystal	1630	2.0	0.35
Decotec	1945	2.8	0.35
DELTA	1740	3.5	0.20
DENSO	2440	3.5	0.65
DESIGNER	1570	2.8	0.15
Designer plus	1510	2.7	0.20
DIANA	1425	2.6	0.20
Discovery	1475	2.7	0.15
Durit	1935	2.8	0.35
DYNAMIC PLUS	1150	1.3	0.15
DYNAMO	1240	2.0	0.15
EBONY	1365	2.3	0.15
ECHO	1160	1.3	0.15
ELEGANCE	2240	4.0	0.20
Elite	1720	3.2	0.20
Emotions	1625	2.5	0.20
EMPIRE	1820	2.5	0.25
ESPO	1210	1.5	0.17
EXPOLINE Chips	1600	2.0	0.40
EXPOLINE Wood	1600	2.0	0.40
EXPOTOP	1325	2.2	0.20
Expression	1900	3.0	0.25
Fantasia	1645	2.5	0.20
FLORIDA	1380	2.4	0.15

Article	Total weight [g/m²]	Total thickness [mm]	Wear layer thickness [mm]
Fortissimo	1540	2.0	0.35
FRESH	1440	1.8	0.20
Funk	1640	2.5	0.20
Galaxy	1650	2.5	0.20
Game	1460	2.7	0.15
GAMMA	1665	2.8	0.25
Geroli PU	1425	2.5	0.18
Giant	2765	4.0	0.33
Grandioso	2145	3.8	0.25
GRIPTEX	1225	2.1	0.15
Hector	1935	2.8	0.35
IDEA Sprint	1320	2.0	0.20
IDEA-Basalt	1540	2.0	0.35
IDEA-Robust	1640	2.5	0.20
ILUMINA	1895	2.2	0.40
Imperial	2145	3.8	0.25
IMPRESA	1530	2.8	0.20
Inspire	1460	2.7	0.15
INSPIRE PU	1500	2.8	0.20
JARD	1240	1.5	0.15
Jazz	1575	2.0	0.35
Jazz RV	1540	2.0	0.35
Jazz Wood	1540	2.0	0.35
Kids	1460	2.7	0.15
KOMPAKT FRESH	1380	1.8	0.15
Laminate CV	1750	1.5	0.55
LEGEND	1750	2.7	0.25
Legno	1915	3.0	0.25
Lioni	1150	1.5	0.15
Locarno	1235	1.5	0.20
Loft	1310	2.3	0.15
MAGIC	1900	2.2	0.40
Marathon	2465	3,4	0.30
Marine	2315	2.3	0.60
MARKIZ	1240	2.0	0.15
Massif II	2315	2.3	0.60
Mercury	2465	2,5	0.70
Mexico	1150	1.5	0.15

Article	Total weight [g/m²]	Total thickness [mm]	Wear layer thickness [mm]
MINERO	2150	2.4	0.70
MINERO 22	2010	2.2	0.70
MINERO ACOUSTIC	2265	3.5	0.60
Moods	1640	2.5	0.20
Mystic	1640	2.5	0.20
NEMO	1440	2.5	0.15
Nouveau	1310	2.3	0.15
Nubac	1335	2.0	0.20
Omega	1800	3.4	0.25
ORBIT	1230	1.5	0.15
Passion	1510	2.7	0.20
PEARL	2410	3.5	0.35
PERFORMANCE	1740	3.5	0.20
Perla	1915	3.0	0.25
PERLA II	1915	2.8	0.30
PHONIE-XTRME	2422	3.4	0.70
Phonitec	2270	3.3	0.37
Pietro4	1665	2.3	0.35
Pluto	1350	1.4	0.25
Powerstar	2000	3.2	0.30
PRESTIGE	1340	2.0	0.15
Presto SE	1570	2.0	0.35
PRIMA	1190	1.4	0.15
PRIVILEGE	2290	2.8	0.35
PROFIL	1230	1.5	0.20
Record	2765	4,3	0.33
RELEVENT	1570	2.8	0.15
Rembrandt	1625	2.5	0.20
Rembrandt Oak	1625	2.5	0.20
RENO	1540	2.5	0.25
Retro Chic	1650	2.5	0.25
RIMINI	1330	2.3	0.15
ROMA	1240	1.5	0.25
SAFETEKs	1380	2.3	0.15
Sandro4	2215	3.3	0.40
SECURE	1500	1.8	0.20
SENS	1800	2.0	0.40
Sherwood Oak	1915	3.0	0.25

Article	Total weight [g/m²]	Total thickness [mm]	Wear layer thickness [mm]
Sketch	1650	2.5	0.25
Sonica	1865	3.0	0.35
Sonipro	1850	3.0	0.35
Sonoma	1350	1.4	0.25
Spectrum	1250	2.0	0.20
Speedy	1935	2.8	0.35
SPRINT	1430	2.3	0.25
STANDARD S	1400	1.6	0.20
START	1150	1.3	0.15
Stream Pro	2465	2,8	0.63
STRONG	2010	2.4	0.60
STYLE	1540	2.8	0.15
Supreme4	1935	2.8	0.35
SURETEKS	1370	2.3	0.15
SURETEKS K	1365	2.3	0.15
Taleria	1935	2.8	0.35
TARGA	1470	3.0	0.15
TECHNO – SAFE	1850	2.0	0.40
TECHNO-SAFE WOOD	1850	2.0	0.40
TERNO	1380	2.3	0.15
Trend	1300	2.4	0.15
TRENTO	1650	2.8	0.25
TRIO	1720	2.0	0.50
TURBO	1365	2.3	0.15
UG studio	1475	2.7	0.15
Ultra	2515	4.0	0.33
Unigrip	1250	2.0	0.20
VARIANT	1440	2.5	0.15
VEGA	1860	2.8	0.25
Vertigo	1625	2.5	0.20
VIENNA	1350	2.3	0.15
Vision	1640	2.5	0.20
YOLO	1500	2.8	0.20
Zeus	1800	3.4	0.25

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" are used for the judgement. The classification is done according to the worst case ("ELEGANCE").

4.1 Test reports

Laboratory	ÖTI
Applicant	CTN GROUPE
Test report number	VN710 127208.4
Original date of issue	2015-08-10
Test methods	EN ISO 11925-2 and EN ISO 9239-1

Laboratory	ÖTI
Applicant	CTN GROUPE
Test report number	VN710 127208.3
Original date of issue	2015-01-12
Test methods	EN ISO 11925-2 and EN ISO 9239-1

Laboratory	ÖTI
Applicant	CTN GROUPE
Test report number	VN710 127208.2
Original date of issue	2013-09-05
Test methods	EN ISO 11925-2 and EN ISO 9239-1

Laboratory	ÖTI
Applicant	CTN GROUPE
Test report number	VN710 127208.1
Original date of issue	2010-10-01
Test methods	EN ISO 11925-2 and EN ISO 9239-1

4.2 Test results

	Test results (Mean Value)	Number of tests
Ignitability, EN ISO 11925-2 Flame spread $\leq$ 150 mm	yes	6
Burning behaviour, EN ISO 9239-1 Critical radiant flux	7,7 kW/m²	3
Integral of smoke obscuration	95 %.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 **"Group 13/3"** can be classified as following.

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

5.3 Field of application

The classification is valid for the building product group **"Group 13/3"** 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	Dispersionsadhesive "KE 2000" (Producer:Uzin Utz AG) or similar. Note: According to EN 13501-1 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 ÖTI.

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

The valid first issue is done in paper and has single-handed signatures. For reference purposes and filing an unsigned electronic duplicate can be delivered in pdf format. Duplicates and 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 respectively EN ISO/IEC 17065.

The ÖTI 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 as Testing Laboratory was provided by Akkreditierung Austria (bmwfw). The scope of accreditation is listed on www.bmwfw.gv.at/akkreditierung.

In this report individual non-accredited test procedures are marked with *.

According to the decree on the use of the accreditation mark ("AkkZV") the accreditation mark is only to be used by the accredited Conformity Assessment Body.

Application of the registration number of the Notified Body: As to personal protective equipment (PPE) the requirements of PSA-SV § 10, BGBl. Nr. 596/1994 as amended and article 13 of the Directive 89/686/EEC have to be kept. With construction products the application is only permitted within the declaration of performance for CE-marking.

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