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## Classification Report VN710 192814.1

### Application

Classification according to EN 13501-1.

### Test Material

"Group 13"

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 - Institute for Ecology, Technology and Innovation GmbH

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## 1 Application

Date of Order	Scope of Order
08.07.2020	Classification Of Burning Behaviour - EN 13501-1

## 2 Introduction

This classification report defines the classification assigned to the building product group “**Group 13**” 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**” 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**” is defined according EN 14041 as following.

Type	expanded (cushioned) PVC – floor coverings
Dimensions	rolls
Construction	heterogeneous
Surface structure	grained surface
Total weight	1043 g/m <sup>2</sup> to 2765 g/m <sup>2</sup>
Total thickness	1.30 mm to 4.00 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”.

<b>Article</b>	<b>Total weight [g/m<sup>2</sup>]</b>	<b>Total thickness [mm]</b>	<b>Wear layer thickness [mm]</b>
ACTUAL	1450	2.80	0.15
ACTUAL K	1450	2.80	0.15
ACTUAL PLUS	1490	2.80	0.20
Adagio	1935	2.80	0.35
Allegro	1935	2.80	0.35
ALPHA	1250	2.00	0.20
Ambient	2600	2.50	0.60
Andante	1935	2.80	0.35
Antonio4	1990	2.80	0.35
Apollo	1200	2.00	0.15
ARGOS	1950	2.65	0.30
ATLANTA	1200	2.00	0.15
ATLANTIC	1200	2.00	0.15
Atrium	1310	2.25	0.15
Atrium M30	1310	2.25	0.15
AVANT	1700	3.00	0.20
Baroque	1600	2.80	0.15
BARTOLI	1530	2.80	0.18
Belinda SE	1460	2.70	0.15
Boho Chic	1600	2.80	0.20
BRAZIL	1530	2.80	0.18
BRIDGE	1220	1.50	0.15
Brooklyn	1500	2.80	0.15
CALLISTA	1500	2.80	0.15
Catalina	1640	2.50	0.20
Celtic Stone	1915	3.00	0.25
CHAMPION	1530	2.80	0.18



CHIPS	2120	2.40	0.60
Cocoon	1750	3.00	0.25
Comfort Bac C	1275	1.70	0.25
CONDOR	1220	1.50	0.15
Contract XL	2330	2.25	0.60
Corina plus	1460	2.70	0.15
Corinagrip	1310	2.25	0.15
Corinagrip SP	1180	1.80	0.15
CORTEX	1250	2.10	0.15
Cottage	2150	3.20	0.30
Crystal	1630	2.00	0.35
Decotec	1945	2.80	0.35
DELFIN PU	1890	2.00	0.50
DELTA	1740	3.50	0.20
DENSO	2440	3.50	0.65
DESIGNER	1570	2.80	0.15
Designer plus	1510	2.70	0.20
DIANA	1425	2.60	0.20
Discovery	1475	2.70	0.15
Durit	1935	2.80	0.35
DYNAMIC PLUS	1150	1.30	0.15
DYNAMO	1240	2.00	0.15
Dynasty	2200	4.00	0.25
ECHO	1160	1.30	0.15
ELEGANCE	2240	4.00	0.20
Elite	1720	3.20	0.20
Emotions	1625	2.50	0.20
EMPIRE	1820	2.50	0.25
ESPO	1210	1.50	0.17
EXPOLINE Chips	1600	2.00	0.40
EXPOLINE Wood	1600	2.00	0.40



EXPOTOP	1325	2.15	0.20
Expression	1900	3.00	0.25
Fantasia	1645	2.50	0.20
Fairply	1250	2.0	0.20
Feelings	1650	2.5	0.25
FLORIDA	1380	2.40	0.15
Fortissimo	1540	2.00	0.35
FRESH	1440	1.80	0.20
Funk	1640	2.50	0.20
Galaxy	1650	2.50	0.20
Game	1460	2.70	0.15
GAMMA	1665	2.80	0.25
Geroli PU	1425	2.50	0.18
Giant	2765	4.00	0.33
GRAND EVENT	1750	2.65	0.25
Grandioso	2145	3.80	0.25
GRIPTEX	1225	2.10	0.15
Hector	1935	2.80	0.35
IDEA Sprint	1320	2.00	0.20
IDEA-Basalt	1540	2.00	0.35
IDEA-Robust	1640	2.50	0.20
ILUMINA	1895	2.20	0.40
Imperial	2145	3.80	0.25
Impakt	2315	2.30	0.60
IMPRESA	1530	2.80	0.20
Inspire	1460	2.70	0.15
INSPIRE PU	1500	2.80	0.20
JARD	1240	1.50	0.15
Jazz	1575	2.00	0.35
Jazz RV	1540	2.00	0.35
Jazz Wood	1540	2.00	0.35



Kids	1460	2.70	0.15
KOMPAKT FRESH	1380	1.80	0.15
KOMPAKT PU	1200	1.10	0.15
Laminate CV	1750	1.50	0.55
LEGEND	1750	2.65	0.25
Legno	1915	3.00	0.25
Lioni	1150	1.50	0.15
Locarno	1235	1.50	0.20
Loft	1310	2.25	0.15
Long Island	2200	4.00	0.25
Luxury	2350	3.80	0.35
MAGIC	1900	2.20	0.40
Majestic	1750	3.00	0.25
Marathon	2465	3.40	0.30
Marine	2315	2.25	0.60
MARKIZ	1240	2.00	0.15
Massif II	2315	2.25	0.60
Mercury	2465	2.50	0.70
Metro	1400	1.40	0.25
Mexico	1150	1.50	0.15
MINERO	2150	2.40	0.70
MINERO 22	2010	2.20	0.70
MINERO ACOUSTIC	2265	3.50	0.60
MOBIL	1450	1.85	0.15
Monza	1200	2.00	0.15
Monza Super	1750	3.00	0.25
Moods	1640	2.50	0.20
Mystic	1640	2.50	0.20
NEMO	1440	2.50	0.15
Nouveau	1310	2.25	0.15
Novo	1310	2.25	0.15



Nubac	1335	2.00	0.20
Olympus	2100	2.30	0.40
Omega	1800	3.40	0.25
Optimal	1750	2.00	0.40
ORBIT	1230	1.50	0.15
Origins	2150	3.20	0.40
Passion	1510	2.70	0.20
PEARL	2410	3.50	0.35
PERFORMANCE	1740	3.50	0.20
Perla	1915	3.00	0.25
PERLA II	1915	2.80	0.30
Polaris	1935	2.80	0.35
Phoni-Massif	2307	3.25	0.60
PHONI-XTREME	2422	3.35	0.70
PHONIPRO	2400	3.50	0.70
Phonitec	2270	3.30	0.37
Pietro4	1665	2.25	0.35
Plaza	1600	2.80	0.20
Pluto	1350	1.40	0.25
Powerstar	2000	3.20	0.30
PRESTIGE	1340	2.00	0.15
Presto SE	1570	2.00	0.35
PRIMA	1190	1.40	0.15
PRIVILEGE	2290	2.80	0.35
Pro XL	1600	2.00	0.40
PROFIL	1230	1.50	0.20
Queens	1200	2.00	0.15
RECORD	2765	4.30	0.33
Reflect	1043	1.88	0.25
RELEVENT	1570	2.80	0.15
Rembrandt	1625	2.50	0.20



Rembrandt Oak	1625	2.50	0.20
RENO	1540	2.50	0.25
Retro Chic	1650	2.50	0.25
RIMINI	1330	2.30	0.15
ROMA	1240	1.50	0.25
Royal	1750	3.00	0.25
SAFETEKs	1380	2.30	0.15
Sandro4	2215	3.25	0.40
Santana	2500	3.60	0.35
Sapphire	2200	4.00	0.25
SECURE	1500	1.80	0.20
SENS	1800	2.00	0.40
Sherwood Oak	1915	3.00	0.25
Sherwood Tiles	1915	3.00	0.25
Sketch	1650	2.50	0.25
Sonica	1865	3.00	0.35
Sonipro	1850	3.00	0.35
Sonoma	1350	1.40	0.25
Spectrum	1250	2.00	0.20
Spectrum plus	1310	2.00	0.20
Speedy	1935	2.80	0.35
SPRINT	1430	2.34	0.25
STANDARD S	1400	1.60	0.20
Stars	1950	2.90	0.40
START	1150	1.30	0.15
Stream Pro	2465	2.75	0.63
STRONG	2010	2.40	0.60
STRONG PLUS	2200	2.40	0.60
STRONGRU PLUS	2200	2.40	0.60
STYLE	1540	2.80	0.15
SURETEKS	1370	2.30	0.15





SURETEKS K	1365	2.30	0.15
Taleria	1935	2.80	0.35
TARGA	1470	3.00	0.15
Taurus	1740	3.50	0.20
TECHNO - SAFE	1850	2.00	0.40
TECHNO-SAFE WOOD	1850	2.00	0.40
TERNO	1380	2.30	0.15
THE HEARTLANDS	1350	1.40	0.25
TRADITIONS	1950	2.65	0.30
Trend	1300	2.40	0.15
TRENTO	1650	2.80	0.25
TRIO	1720	2.00	0.50
TURBO	1365	2.30	0.15
UG studio	1475	2.70	0.15
Ultra	2515	4.00	0.33
Unigrip	1250	2.00	0.20
VARIANT	1440	2.50	0.15
VEGA	1860	2.80	0.25
Vertigo	1625	2.50	0.20
VIENNA	1350	2.30	0.15
Vision	1640	2.50	0.20
YOLO	1500	2.80	0.20
Zeus	1800	3.40	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 report

Laboratory	ÖTI
Applicant	JUTEKS d.d.
Test report number	71860
Date of issue	2013-09-05
Test methods	EN ISO 11925-2 and EN ISO 9239-1

##### 4.2 Test results

	Test results (Mean Value)	Number of tests
<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>85 %.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 "**Group 13**" 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 "**Group 13**" 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 <sub>fl</sub> or A2 <sub>fl</sub> with a density of at least 1350 kg/m <sup>3</sup> .
Installation	glued
Adhesive	Dispersionsadhesive "Eurocol 643" (Producer: Forbo) 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.

## 5 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.

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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.

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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