

## **Classification Report**

### **CLASSIFICATION OF REACTION TO FIRE PERFORMANCE IN ACCORDANCE WITH EN 13501-1:2018**

<b>Sponsor</b>	Tarkett Holding GmbH Granastrasse 122 - 54329 Konz - Germany
<b>Manufacturer:</b>	Tarkett Holding GmbH Granastrasse 122 - 54329 Konz - Germany
<b>Prepared by</b>	<b>Ghent University - Centre for Textile Science and Engineering</b> Technologiepark 70A, 9052 Zwijnaarde, Belgium
<b>Notified Body N°</b>	<b>1611</b>
<b>Product Name</b>	<b>Family group: Group 1 - Expanded (cushioned) polyvinyl chloride floor covering with thermal PUR surface</b> (as given by the sponsor)
<b>Report N° / Issue N°</b>	<b>CR 19-0560-02</b>
<b>Date of issue</b>	30/11/2022 Remark: based on test results dating from 2019 and 2020

#### 1. Introduction

This classification report defines the classification assigned to **Family group: Group 1 - Expanded (cushioned) polyvinyl chloride floor covering with thermal PUR surface**, in accordance with the procedures given in EN 13501-1:2018

#### 2. Details of classified product

##### 2.1 General

The product, **Family group: Group 1 - Expanded (cushioned) polyvinyl chloride floor covering with thermal PUR surface**, is defined as PVC floorcovering (*according to the manufacturer in compliance with EN14041*).

##### 2.2 Product description

The product, **Family group: Group 1 - Expanded (cushioned) polyvinyl chloride floor covering with thermal PUR surface** is described below and in the test report(s) listed in Clause 3.1.

Total product description	<i>See list in ANNEX of qualities belonging to this product family</i>
Composition of layer(s)	Family group: Group 1 - Floorcovering consisting of Expanded (cushioned) polyvinyl chloride and with thermal PUR surface
Flame retardant treatment	No

### 3. Reports and Results in support of Classification

#### 3.1 Test reports

Name of test laboratory	Name of sponsor	Test report number	Test method
Ghent University - Centre for Textile Science and Engineering	Tarkett Holding GmbH	19-0560-05, -06, -07, -08 20-0231-03, -04	EN ISO 9239-1
Ghent University - Centre for Textile Science and Engineering	Tarkett Holding GmbH	19-0560-05, -06, 07, -08 20-0231-03, -04	EN ISO 11925-2

#### 3.2 Test results

Test method	Parameter	No. of tests	Results	
			Average	Compliance
EN ISO 9239-1	Critical flux (kW/m <sup>2</sup> )	3	6.5	C <sub>fl</sub>
	Smoke (%.min)		111	s1
EN ISO 11925-2	F <sub>s</sub>	6	PASS	PASS

Test method	Parameter	No. of tests	Results	
			Average	Compliance
EN ISO 9239-1	Critical flux (kW/m <sup>2</sup> )	3	5.8	C <sub>fl</sub>
	Smoke (%.min)		191	s1
EN ISO 11925-2	F <sub>s</sub>	6	PASS	PASS

Test method	Parameter	No. of tests	Results	
			Average	Compliance
EN ISO 9239-1	Critical flux (kW/m <sup>2</sup> )	3	9.8	B <sub>fl</sub>
	Smoke (%.min)		57	s1
EN ISO 11925-2	F <sub>s</sub>	6	PASS	PASS

Test method	Parameter	No. of tests	Results	
			Average	Compliance
EN ISO 9239-1	Critical flux (kW/m <sup>2</sup> )	3	6.9	C <sub>fl</sub>
	Smoke (%.min)		162	s1
EN ISO 11925-2	F <sub>s</sub>	6	PASS	PASS

Test method	Parameter	No. of tests	Results	
			Average	Compliance
EN ISO 9239-1	Critical flux (kW/m <sup>2</sup> )	3	≥11	B <sub>fl</sub>
	Smoke (%.min)		12	s1
EN ISO 11925-2	F <sub>s</sub>	6	PASS	PASS

Test method	Parameter	No. of tests	Results	
			Average	Compliance
EN ISO 9239-1	Critical flux (kW/m <sup>2</sup> )	3	8.1	B <sub>fl</sub>
	Smoke (%.min)		101	s1
EN ISO 11925-2	F <sub>s</sub>	6	PASS	PASS

## 4. Classification and field of application

### 4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018

### 4.2 Classification

The product, **Family group: Group 1 - Expanded (cushioned) polyvinyl chloride floor covering with thermal PUR surface**, in relation to its reaction to fire behavior is classified: **C<sub>fl</sub>**

The additional classification in relation to smoke production is: **s1**

Therefore, taking into account the limitations given in §5:

**Reaction to fire classification: C<sub>fl</sub> – s1**

### 4.3 Field of application

This classification is valid for the following product parameters:

	Min.	Max.
Range of total mass (kg/m <sup>2</sup> )	0.78	2.05
Range of total thickness (mm)	1	4

*See description in section 2.2, in the test reports cited in section 3 and any additional parameters provided by the manufacturer.*

This classification is valid for the following end use applications:

End Use(s)	indoor floor covering
Deposition method	glued down on wood glued down on concrete
Substrates	Euroclass C or A2
Joints	not applicable

*See installation specifications given by the manufacturer.*

## 5. Limitations

This classification document does not represent type approval or certification of the product. The test laboratory has played no part in sampling of the test material, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.

The classification is only valid for products complying with the samples tested. Any deviation from the product or installation specifications cited above, may change the classification.

The manufacturer has made a declaration, which is held on file. This confirms that the design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence the manufacturer has concluded that system 3 attestation is appropriate within the context of CPR 305/2011/EU.



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Head of certification

### **ANNEX: list of qualities belonging to this family group**

# ANNEX to CR 19-0650-01

List of qualities belonging to Family group:

## Group 1 - Expanded (cushioned) polyvinyl chloride floor covering with thermal PUR surface

Traded names	Total weight in g/m <sup>2</sup>	Total thickness in mm	Wearlayer thickness in mm
ICONIK 400 Essentials 400	2050	4.00	0.250
Exclusive 300 Essentials 300 ICONIK 300	1840	3.00	0.250
Acczent Classic	1850	1.80	0.350
TX Classic Equinox TX 352S Uni Algeco	1800	2.60	0.250
ICONIK 300+ Exclusive 300+ Essentials 300+	1770	3.00	0.350
Exclusive 240 Essentials 240 ICONIK 240	1580	2.40	0.350
ICONIK 260 D ICONIK 260 Essentials 260 Exclusive 260	1475	2.60	0.220
ICONIK 250D ICONIK 250	1430	2.50	0.150
ICONIK 200 Essentials 200 Terra	1380	2.00	0.150
Hobby Fendt Englmaier	1370	2.00	0.150
Optima Universe	1200	1.50	0.250
ICONIK 150 Exclusive 150 Essentials 150 Spirit 150 Focus Optima Authentic 150 Explosion II Universe III	1100	1.50	0.150
ICONIK 120	1100	1.20	0.120
ICONIK Essence	780	1.00	0.120