



Classification Report

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

Sponsor	Tarkett Holding GmbH Granastrasse 122 - 54329 Konz - Germany
Manufacturer:	Tarkett Holding GmbH Granastrasse 122 - 54329 Konz - Germany
Prepared by	Ghent University - Centre for Textile Science and Engineering Technologiepark 70A, 9052 Zwijnaarde, Belgium
Notified Body N°	1611
Product Name	Family group: Group 2 - Expanded (cushioned) polyvinyl chloride floor covering with textile backing (as given by the sponsor)
Report N° / Issue N°	CR 19-0562-03
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1. Introduction

This classification report defines the classification assigned to **Family group: Group 2 - Expanded (cushioned) polyvinyl chloride floor covering with textile backing**, in accordance with the procedures given in EN 13501-1:2018

2. Details of classified product

2.1 General

The product, **Family group: Group 2 - Expanded (cushioned) polyvinyl chloride floor covering with textile backing**, is defined as PVC floorcovering (*according to the manufacturer in compliance with EN14041*).

2.2 Product description

The product, **Family group: Group 2 - Expanded (cushioned) polyvinyl chloride floor covering with textile backing** 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)	Floor covering consisting of expanded (cushioned) polyvinyl chloride and with textile backing
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	19-0562-09,19-0562-010, 19-0562-011, 19-0562-012, 22-0716-01, 23-0073-01	EN ISO 9239-1
Ghent University - Centre for Textile Science and Engineering	Tarkett Holding GmbH	19-0562-09,19-0562-010, 19-0562-011, 19-0562-012, 22-0716-01	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 ²)	3	6.3	C _{fl}
	Smoke (%.min)		146	s1
EN ISO 11925-2	F _s	6	PASS	PASS

Test method	Parameter	No. of tests	Results	
			Average	Compliance
EN ISO 9239-1	Critical flux (kW/m ²)	3	6.2	C _{fl}
	Smoke (%.min)		189	s1
EN ISO 11925-2	F _s	6	PASS	PASS

Test method	Parameter	No. of tests	Results	
			Average	Compliance
EN ISO 9239-1	Critical flux (kW/m ²)	3	6.8	C _{fl}
	Smoke (%.min)		126	s1
EN ISO 11925-2	F _s	6	PASS	PASS

Test method	Parameter	No. of tests	Results	
			Average	Compliance
EN ISO 9239-1	Critical flux (kW/m ²)	3	6.0	C _{fl}
	Smoke (%.min)		151	s1
EN ISO 11925-2	F _s	6	PASS	PASS

test method	parameter	N° of test	results	
			Average	compliance
EN ISO 9239-1	Critical heat flux	4	9.4	B _{fl}
	Smoke (%.min)		55.3	s1

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 2 - Expanded (cushioned) polyvinyl chloride floor covering with textile backing**, in relation to its reaction to fire behavior is classified: **C_{fl}**

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

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

Reaction to fire classification: C_{fl} – s1

4.3 Field of application

This classification is valid for the following product parameters:

	Min.	Max.
Range of total mass (kg/m ²)	1.3	2.14
Range of total thickness (mm)	2.0	3.2

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 to A2
Joints	not applicable
Other aspects of end use conditions	-

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.

A handwritten signature in blue ink, consisting of several loops and a long horizontal stroke extending to the right.

Johanna Louwagie
Head of certification

ANNEX to CR 19-0650-02

List of qualities belonging to Family group:

Group 2 - Expanded (cushioned) polyvinyl chloride floor covering with textile backing

Traded names	Total weight in g/m ²	Total thickness in mm	Wearlayer thickness in mm
ICONIK 320 T ICONIK 320 Tex Exclusive 320 T	2140	3.20	0.500
ICONIK 280 T ICONIK 280 Tex Exclusive 280 T Essentials 280 T	1760	2.80	0.350
Nordic Stabil TX Classic Stabil	1860	2.80	0.350
Nordic Stabil Plus	1750	2.50	0.350
ICONIK 250 Tex	1440	2.50	0.150
ICONIK 260 T ICONIK 260 Tex Essentials 260 T	1530	2.60	0.200
ICONIK 220 T ICONIK 220 Tex Essentials 220 T Design 220 T SOL VNL AEROTEX	1480	2.20	0.250
ICONIK 200Tex ICONIK 200T	1300	2.00	0.150