



CLASSIFICATION REPORT REACTION TO FIRE

Report Number
CR 23-0909-01

Report Type
ORIGINAL

Report Date
27-10-2023

Prepared by
Ghent University, Centre for Textile Science and Engineering (CTSE)
Notified Laboratory N° 1611 under EU-Regulation 305/2011

Product Name ^(ci)
Unilin laminate CI32, thickness 7-10mm

Manufacturer
Unilin BV, division Flooring
Ooigemstraat 3 8710 Wielsbeke

Sponsor
Unilin BV, division Flooring
Ooigemstraat 3 8710 WIELSBEKE

Notes

This classification document does not represent type approval or certification of the product.
Results from test methods denoted by * are ISO 17025 accredited, cf. Belac 055-test.
Conclusion, comments and opinions denoted by * are ISO 17025 accredited, cf. Belac 055-test.
Ghent University holds no responsibility for information provided by the client/sponsor (denoted by ^(ci)).
When checking conformity, measurement uncertainty is not taken into account, unless otherwise stated.
This report is only valid when it is digitally signed.
This report can be shared only in its complete and unaltered form and in consent with the sponsor.



1. Introduction

This classification report defines the classification assigned to **Unilin laminate CI32, thickness 7-10mm**, in accordance with the procedures given in EN 13501-1 (2018)*.

2. Details of classified product ^(ci)

2.1 General

The product, **Unilin laminate CI32, thickness 7-10mm**, is defined as Laminate floorcovering (*in compliance with EN14041*).

2.2 Product description

The product, **Unilin laminate CI32, thickness 7-10mm** is described below and in the test report(s) listed in Clause 3.1.

Total product description	Laminate floorcovering
Composition of layer(s)	Use surface: Melamine formaldehyde surface layer Backing layer(s): Melamine formaldehyde surface layer
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	Unilin BV, division Flooring	23-0909-01	EN ISO 9239-1 (2010)*

3.2 Test results

Test method	Parameter	No. of tests	Results	
			Average	Compliance
EN ISO 9239-1 (2010)*	Critical flux (kW/m ²)	3	6.4	C _{fl}
	Smoke (%.min)		21	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, **Unilin laminate CI32, thickness 7-10mm**, in relation to its reaction to fire behavior is classified: **C_{fl}**

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

Given the field of application in §4.3 and limitations in §5, it meets the requirements of

Classification for reaction to fire of floorings: C_{fl} - s1

4.3 Field of application

This classification is valid for the following product parameters^(ci):

	Min.	Max.
Range of density (kg/m ³)	881.9	-
Range of total thickness (mm)	6.75	7.25

See description in section 2.2 of this report, as well as any other relevant information provided by the sponsor.

This classification is valid for the following end use applications:

End Use ^(ci)	Laminate Flooring		
Deposition method	Name	Thickness	
	PERGO	Smart	3 mm
	PERGO	Smart+	3 mm
	PERGO	Foam	2 mm
	PERGO	Foam+	2 mm
	PERGO	Professional Soundbloc 15m ²	2 mm
	PERGO	Professional Soundbloc 50m ²	2 mm
	PERGO	Silent Walk	2 mm
	Quick-Step	Silent Walk	2 mm
	Quick-Step	Unisound	2 mm
	Quick-Step	Basic Plus	2 mm
	Quick-Step	Transitsound	2 mm
	Quick-Step	Thermolevel	5 mm
	Unilin	SmartFinish Basic	2 mm
	Unilin	SmartFinish Select	2 mm
Unilin	SmartFinish Verasound	2 mm	
Substrates	Wood (Euroclass C)		
Joints	-		
Other aspects of end use conditions	-		

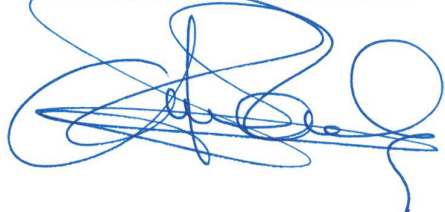
See installation specifications given by the sponsor.

5. Limitations

The test laboratory has played no part in sampling of the test material, nor in the naming of the sample, although it holds appropriate references, supplied by the sponsor, 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.



Didier Van Daele
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