

Classification of reaction to fire in accordance with EN 13501-1

1 Introduction

This classification report defines the classification assigned to “Woodura” in accordance with the procedure given in EN 13501-1:2018. This report replaces RISE report 9P06964-2rev1, dated March 29, 2021. This revision includes a product addition.

2 Details of classified product

2.1 General

The product “Woodura” is defined as a floor covering. Its classification is valid for use as floor covering.

According to the owner of this classification report, this product complies with the European product specification EN 14342:2013.

2.2 Product description

The product, “Woodura”, is fully described in the test reports provided in support of classification listed in Clause 3.1.

Table 1 Products.

Product name	Area weight (kg/m ²)	Thickness (mm)
Woodura	10	11
Woodura oiled – dark knots	10	11
Woodura with Silverfir veener, laquered	10.7	11.3
Woodura with Walnut veener, laquered	10.7	11.3
Woodura with Oak Broncé veener, laquered	10.7	11.3
Woodura with Ash veener, laquered	10.7	11.3

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3 Reports and results in support of this classification

3.1 Test reports

Table 2 Test reports.

Name of laboratory	Name of sponsor	Test report reference no	Accredited test methods and date
RISE	Välinge Innovation Sweden AB	8P04770-1	EN ISO 9239-1:2010 and EN ISO 11925-2:2010
RISE	Välinge Innovation Sweden AB	9P06964	EN ISO 9239-1:2010
RISE	Välinge Innovation Sweden AB	O100352-113760	EN ISO 9239-1:2010
RISE	Välinge Innovation Sweden AB	O100352-152758	EN ISO 9239-1:2010

3.2 Test results

The test results listed below show the worst case as found in the test programme performed and reported according to the table above.

Table 3 Test results showing the worst case as found in the test program performed.

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean (m)	Compliance parameter
EN ISO 11925-2		6		
15 s exposure	$F_s \leq 150$ mm		(-)	Compliant
EN ISO 9239-1		13		
	<i>Critical flux</i> (kW/m ²)		8.8	Compliant
	<i>Smoke</i> (%.min)		4.0	Compliant

(-) : not applicable

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 12 and 15 of EN 13501-1:2018.

4.2 Classification

The product called “Woodura” in relation to its reaction to fire behaviour is classified:

B_{fl}

The additional classification in relation to smoke production is:

s1

The format of the reaction to fire classification for floorings is:

Fire Behaviour		Smoke Production	
B_f	-	s	1

Reaction to fire classification: B_{fl-s1}

4.3 Field of application:

This classification is valid for the following product parameters:

Nominal thickness: 11 – 11.3 mm.

Nominal area weight: 10 – 10.7 kg/m².

Composition: According to the reports in table 2, in clause 3.1.

This classification is valid for the following end use applications:

Substrates

- Wood based substrates at least 18 mm thick or substrates of Euroclass A1_{fl} or A2_{fl} at least 6 mm thick, having a density ≥ 510 kg/m³.

Fixing:

- Loosely laid.

The sample was delivered by the client. RISE Safety – Fire Research was not involved in the sampling procedure.

5 Limitations

This classification document does not represent type approval or certification of the product.

The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 of AVCP and CE marking under the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products.

The manufacturer has made a declaration, which is held on file. This confirms that the products 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.

The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.

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