REPORT 0402 – CPR – 8P04770-2

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Contact person RISE
Anna Sandinge, kt
Safety
+46 10 516 59 73
anna.sandinge@ri.se

Date	Reference	Page
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Välinge Innovation Sweden AB
Prästavägen 513
263 65 VIKEN

Reaction to fire classification report

1 Introduction

This classification report defines the classification assigned to the product “Woodura” in accordance with the procedure given in EN 13501-1:2007+A1:2009.

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.

2.2 Product description

According to client:

Floor covering called ”Woodura”. The product has a nominal area weight of 10 kg/m^2 and a nominal thickness of 11 mm.

The product consists of the following layers:

Layer	Composition	Thickness (mm)
1	Hardwax oil	0.01
2	Veneer (oak)	0.4 (compressed)
3	Powder layer 53 % MF Resin 5 % corrundum 5.1 % Pigments 36.9 % Wood dust	0.2 (compressed)
4	HDF	9.8 (compressed)
5	Powder layer 49 % MF Resin 5 % corrundum 8.5 % mikhart 37.5 % Wood dust	0.2 (compressed)
6	Birch	0.4 (compressed)

3 Test reports & test results in support of classification

3.1 Test reports

This classification is based on the test reports listed below:

Name of laboratory	Name of sponsor	Test report ref no	Accredited test method
RISE	Välinge Innovation Sweden AB	8P04770-1	EN ISO 9239-1 EN ISO 11925-2

3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean (m)	Compliance parameter
EN ISO 11925-2		6		
15 s exposure	*F*s ≤ 150 mm		(-)	Compliant
EN ISO 9239-1		4		
	Critical flux (kW/m^2)		8.8	Compliant
	Smoke (%.min)		4.0	Compliant

(-) : not applicable

4 Classification and field of application

4.1 Reference and direct field of application

This classification has been carried out in accordance with clause 12 and 15 of EN 13501-1:2007+A1:2009.

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_{fl}	**-**	**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 mm.

Nominal area weight: 10 kg/m^2.

Composition: see clause 2.2

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/m^3.

Fixings

- 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 performance by the manufacturer within the context of system 3 of assessment and verification of constancy of performance and CE marking under the Construction Products Regulation. The manufacturer has made a declaration, which is held on file. This confirms that the product's 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.

RISE Research Institutes of Sweden AB
Safety - Fire Research Materials

Performed by

Anna Sandinge
Signed by: Anna Sandinge
Reason: I am the author of this document
Date & Time: 2018-09-06 10:05:26 +02:00

Anna Sandinge

Examined by

Per Thureson
Signed by: Per Thureson
Reason: I have reviewed this document
Date & Time: 2018-09-06 09:34:46 +02:00

Per Thureson