

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

1 Introduction

This classification report defines the classification assigned to “Eclipse Premium” in accordance with the procedure given in EN 13501-1:2018.

2 Details of classified product

2.1 General

The product “Eclipse Premium” is defined as floor covering.

According to the owner of this classification report, this product complies with the European product specification EN 14041:2004/AC:2006.

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

2.2 Product description

The product, “Eclipse Premium”, is fully described below and in the test report provided in support of classification listed in Clause 3.1.

According to client:

Floor covering called ”Eclipse Premium”, is a homogeneous vinyl flooring. The product has a nominal area weight of 3000 g/m², a nominal density of 1575 kg/m³ and a nominal thickness of 2.0 mm. The colour of the product is light warm grey.

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Accred. No. 1002
Certification of
Products
ISO/IEC 17065

3 Reports and results in support of this classification

3.1 Test reports

Table 1 Test reports forming the basis for this classification.

Name of laboratory	Name of sponsor	Test report reference no	Accredited test methods and date
RISE	Tarkett AB	O100741-1259539	EN ISO 9239-1:2010
Efectis	Tarkett AB	EUI-24-SFB-000665A	EN ISO 11925-2:2020

3.2 Test results

Table 2 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		4		
	<i>Critical flux</i> (kW/m ²)		9.5	Compliant
	<i>Smoke</i> (%.min)		129	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 “Eclipse Premium” in relation to its reaction to fire behaviour is classified:

B_n

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:

Product description, as specified in 2.2 in this report.

Nominal thickness: 2 mm.

Nominal density: 1575 kg/m³.

Nominal area weight: 3000 g/m².

This classification is valid for the following end use applications:

Substrates

- Wood based substrates at least 18 mm thick or substrates of Euroclass A1 or A2-s1,d0 at least 6 mm thick, having a density ≥ 510 kg/m³.

Fixings

- With or without adhesive.

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.

RISE Research Institutes of Sweden AB **Fire and safety - Reaction to Fire Medium Scale Lab**

Performed by



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Verification

Transaction 09222115557532950817

Document

O100741-1259539-6 Tarkett AB EN 13501-1 Eclipse
Premium
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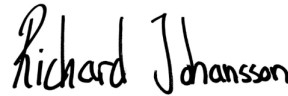
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