

Reaction to fire classification report

1 Introduction

This classification report defines the classification assigned to the product 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 a floor covering. Its classification is valid for the following end use application: Floor covering.

2.2 Product description

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

3 Test report

3.1 Test report

This classification is based on the test report listed below:

Name of laboratory	Name of sponsor	Test report ref no	Accredited test method
RISE	Tarkett AB	9P04130	EN ISO 9239-1:2010 EN ISO 11925- 2:2010/AC:2011

RISE Research Institutes of Sweden AB

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3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean (m)	Compliance parameter
EN ISO 11925-2 15 s exposure	$F_s \leq 150$ mm	6	(-)	Compliant
EN ISO 9239-1	<i>Critical flux</i> (kW/m ²)	4	10	Compliant
	<i>Smoke</i> (%.min)		138	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 13501-1:2018.

4.2 Classification

The product called “Eclipse Premium” 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	
		s	1
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: 2.0 mm.

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_{fl} or A2_{fl} at least 6 mm thick, having a density ≥ 510 kg/m³.

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.

RISE Research Institutes of Sweden AB Safety - Fire Research Materials

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