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Reaction to fire classification report

1 Introduction

This classification report defines the classification assigned to the product "Primo Safe.T" in accordance with the procedure given in EN 13501-1:2007+A1:2009.

2 Details of classified product

2.1 General

The product "Primo Safe.T" is defined as a floor covering. Its classification is valid for the end use application as floor covering for indoor use.

According to the owner of this classification report, this product complies with the European product specification EN 14041.

2.2 Product description

According to client:

The product is a decorative homogeneous floor covering called "Primo Safe.T", consisting of filled plasticized PVC. The total product has an nominal thickness of 2.0 mm, a nominal area weight of 3000 g/m^2 and a nominal density of 1575 kg/m^3.

3 Test reports & test results in support of classification

3.1 Test reports

This classification is based on the test report listed below:

Name of laboratory	Name of sponsor	Test report ref no	Accredited test method
SP	Tarkett AB	4P00843	EN ISO 9239-1 EN ISO 11925-2

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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		6		
15 s exposure	*Fs* ≤ 150 mm		(-)	Compliant
EN ISO 9239-1		3		
	Critical flux (kW/m^2)		≥ 11	Compliant
	Smoke (%.min)		79	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 "Primo Safe.T" 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 : 2.0 mm.

Area weight : 3000 g/m^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.

The sample was delivered by the client. SP Fire Technology 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 attestation of conformity and CE marking under the Construction Products Directive.

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 to the manufacturer's factory production control that is claimed to be relevant to the samples tested and that will provide for their traceability."

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