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Reaction to fire classification report

1 Introduction

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

2 Details of classified product

2.1 General

The product "iQ Toro SC" 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 "iQ Toro SC", consisting of filled plasticized PVC. The total product has a nominal thickness of 2.0 mm and a nominal area weight of 2950 g/m^2.

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	5P00543-7	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	$Fs \leq 150$ mm		(-)	Compliant
EN ISO 9239-1		3		
	Critical flux (kW/m^2)		10.1	Compliant
	Smoke (%.min)		166	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 "iQ Toro SC" 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 : 2950 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 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."

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