REPORT
issued by an Accredited Testing Laboratory

Contact person
Marina C Andersson / jp
Fire Technology
+46 10 516 52 92
marinac.andersson@sp.se

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SWEDAC ACKREDITERING 1002 ISO/IEC 17025

Tarkett AB
Box 3004
372 81 RONNEBY

Reaction to fire classification report

1 Introduction

This classification report defines the classification assigned to the product "Optima Multisafe" in accordance with the procedure given in EN 13501-1:2007.

2 Details of classified product

2.1 General

The product "Optima Multisafe" is defined as a resilient floor covering. Its classification is valid for the end use application as floor covering for indoor use.

2.2 Product description

The product, "Optima Multisafe", is fully described.

According to the client:
Homogeneous single layered vinyl flooring with studded surface.

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	PX15211	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* ≤ 150 mm		(-)	Compliant
EN ISO 9239-1		3		
	Critical flux (kW/m^2)		8.6	Compliant
	Smoke (%.min)		237	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.

4.2 Classification

The product called "Optima Multisafe" 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: 2.25 mm.

Nominal area weight: 2.8 kg/m^2.

Nominal wear layer thickness: 2.0 mm.

This classification is valid for the following end use applications:

Substrates

- Wood based substrates or substrates of Euroclass A1$_{fl}$ or A2$_{fl}$ having a density ≥ 510 kg/m^3.

The sample was delivered by the client. SP Fire Technology was not involved in the sampling procedure.

SP Technical Research Institute of Sweden
Fire Technology - Fire Dynamics

Performed by

Marina C Andersson

Examined by

Per Thureson