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Tarkett AB
Research & Development
280 62 HANASKOG

Reaction to fire classification report

1 Introduction

This classification report defines the classification assigned to the product "Tarkett Rumba / Tango" in accordance with the procedure given in EN 13501-1:2007.

2 Details of classified product

2.1 General

The product "Tarkett Rumba / Tango" is defined as a multi layer wood 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 14342:2005.

2.2 Product description

The product, "Tarkett Rumba / Tango" is fully described below.

Floor covering called "Tarkett Rumba/Tango", design "Oak". The product have on the top a lacquer named "Proteco". The whole product has a nominal area weight of 7.0 kg/m² and a nominal thickness of 13 mm.

3 Test report & test results in support of classification

3.1 Test report

This classification is based on the test report listed below:

Name of laboratory	Name of sponsor	Test report ref no	Test method / extended application rules & date
SP	Tarkett AB	P802427	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 15 s exposure	$F_s \leq 150$ mm	6	(-)	Compliant
EN ISO 9239-1	<i>Critical flux</i> (kW/m ²)	3	3.8	(-)
	<i>Smoke</i> (%.min)		41	(-)

(-) : 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 “Tarkett Rumba / Tango” in relation to its reaction to fire behaviour is classified:

D_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	
D_n	-	s	1

Reaction to fire classification: D_{ft-s1}

4.3 Field of application:

This classification is valid for the following product parameters:

Nominal thickness: 13 mm.

Nominal area weight: 7.0 kg/m².

This classification is valid for the following end use applications:

Substrates

- Wood based substrates or substrates of Euroclass A1_n or A2_n having a density ≥ 510 kg/m³.

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.

SP Technical Research Institute of Sweden
Fire Technology - Fire Dynamics



Björn Sundström
Manager



Per Thureson
Technical Manager