

Tarkett AB
SE-372 81 RONNEBY

Reaction to fire classification report

1 Introduction

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

2 Details of classified product

2.1 General

The product “iQ Granit” is defined as a floor covering. Its classification is valid for the end use application as floor covering for indoor use.

2.2 Product description

According to client:

Homogeneous vinyl flooring called “iQ Granit”, with organic content consisting of polyvinylchloride, plasticizer, stabilizer and surface of PUR coating.
The product has a nominal area weight of 2.95 kg/m² and a nominal thickness of 2.0 mm.

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	3P03059	EN ISO 9239-1 EN ISO 11925-2

SP Technical Research Institute of Sweden

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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	$F_s \leq 150$ mm		(-)	Compliant
EN ISO 9239-1		3		
	<i>Critical flux</i> (kW/m ²)		10.7	Compliant
	<i>Smoke</i> (%.min)		123	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 Granit” 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 : 2.95 kg/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_n or A2_n at least 6 mm thick, 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

Performed by



Johan Post

Examined by



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