

Classification of reaction to fire in accordance with EN 13501-1

1 Introduction

This classification report defines the classification assigned to “iQ Toro SC” in accordance with the procedure given in EN 13501-1:2018.

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 following end use application: Floor covering

2.2 Product description

The product, “iQ Toro SC” is fully described in the test report provided in support of classification listed in Clause 3.1.

3 Reports and results in support of this classification

3.1 Test reports

Table 1 Test report and field of application rules forming the basis for this classification.

Name of laboratory	Name of sponsor	Test report reference no	Accredited test methods and date
RISE	Tarkett AB	9P08357-2	EN ISO 9239-1:2010 and EN ISO 11925-2:2010/AC:2011

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3.2 Test results

Table 2 Test results showing the worst case as found in the test program performed.

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	Critical flux (kW/m ²)	4	9.9	Compliant
	Smoke (%.min)		208	Compliant

(-) : not applicable

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 12 and 15 of EN 13501-1:2018.

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	
		s	1
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:

Composition: (See report 9P08357-2).

Nominal thickness: 2 mm. (See report 9P08357-2).

Nominal area weight: 2950 g/m². (See report 9P08357-2).

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/m³.

The sample was delivered by the client. RISE Safety – Fire Research was not involved in the sampling procedure.

5 Limitations

This classification document does not represent type approval or certification of the product.

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