REPORT
issued by an Accredited Testing Laboratory

Contact person RISE	Date	Reference	Page
Kristian Törnqvist, hel	2020-04-15	2P02818-5	1 (3)

Safety
+46 10 516 53 66
kristian.tornqvist@ri.se

Tarkett AB
372 81 RONNEBY

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

1   Introduction

This classification report defines the classification assigned to "iQ Megalit" in accordance with the procedure given in EN 13501-1:2018.

2   Details of classified product

2.1   General

The product "iQ Megalit" 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 Megalit", is fully described below or is fully described in the test reports 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	2P02818-4	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		6		
15 s exposure	Fs ≤ 150 mm		(-)	Compliant
EN ISO 9239-1		4		
	Critical flux (kW/m^2)		8.9	Compliant
	Smoke (%.min)		262	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 Megalit" 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*

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4.3   Field of application:

This classification is valid for the following product parameters:

Composition: (See report 2P02818-4)

Nominal thickness: 2.0 mm.

Nominal area weight: 2500 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 $\geq$ 510 kg/m^3.

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.

RISE Research Institutes of Sweden AB
Safety - Fire Research Materials

Performed by   Examined by

Kristian Törnqvist   Per Thureson