REPORT

Issued by an Accredited Testing Laboratory

Contact person
Richard Johansson
Division Safety and Transport
+46 10 516 56 75
richard.johansson@ri.se

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Reference
O100741-1179040-1rev1

Swedboard International AB
Karosserigatan 4
64151 KATRINEHOLM
Sweden

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

1 Introduction

This classification report defines the classification assigned to “SWEDBOARD Fibre FR” in accordance with the procedure given in EN 13501-1:2018.

This report replaces RISE report O100741-1179040-1, dated March 17, 2023. This revision includes an update of details of the product description.

2 Details of classified product

2.1 General

The product “SWEDBOARD Fibre FR” is defined as fibre board with surface material of al-foil and thin decorative paper. Its classification is valid for the following end use applications: POS Displays, Exhibition stands and signage.

2.2 Product description

The product, “SWEDBOARD Fibre FR”, is fully described in the test report provided in support of classification listed in Clause 3.1.

According to the client:

Product called “SWEDBOARD Fibre FR”, used in POS Displays, Exhibition stands and Signage. The nominal thickness of the product is 16 mm.

A full description of the product is held on file by RISE.

3 Reports and results in support of this classification

3.1 Test reports

Table 1 Test report forming the basis for this classification.

Name of laboratory	Name of sponsor	Test report reference no	Accredited test methods and date
RISE	Swedboard International AB	O100741-1179040	EN 13823:2020+A1:2022 and EN ISO 11925-2:2020

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 with parameters
EN ISO 11925-2		18		
Edge/Surface flame attack*				
30 s exposure	Fs ≤ 150 mm		(-)	Compliant
Flaming droplets/particles	Ignition of filter paper		(-)	No ignition of filter paper
EN 13823		3		
	$FIGRA_{0,2MJ}$ (W/s)		112	Compliant
	$FIGRA_{0,4MJ}$ (W/s)		112	Compliant
	LFS < edge		(-)	Compliant
	THR_{600s}, (MJ)		7.3	Compliant
	$SMOGRA$, (m^2/s^2)		2	Compliant
	TSP_{600s}, (m^2)		22	Compliant
	Flaming droplets/particles		(-)	No flaming droplets/particles

* : as required to the end use application of the product

(-) : not applicable

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with clause 11 and 15 of EN 13501-1:2018.

4.2 Classification

The product called “SWEDBOARD Fibre FR” in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s1

The additional classification in relation to flaming particles/droplets is:

d0

The format of the reaction to fire classification for construction products excluding floorings and linear pipe thermal insulation product is:

Fire Behaviour		**Smoke Production**			**Flaming Droplets**	
B	**-**	**s**	**1**	**,**	**d**	**0**

Reaction to fire classification: *B-s1,d0*

4.3 Field of application:

This classification is valid for the following product parameters:

Product description, as specified in report O100741-1179040.

Nominal total product thickness: 16 mm.

This classification is valid for the following end use conditions:

Mounting:

- Freestanding

Joints:

- Mounted with non-exposed joints.

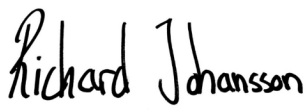
The sample was delivered by the client. RISE, Fire and Safety was not involved in the sampling procedure.

5 Limitations

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

RISE Research Institutes of Sweden AB
Fire and safety - Reaction to Fire Medium Scale Lab

Performed by



Richard Johansson

Examined by

Per Thureson

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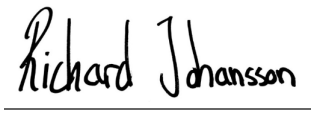
Signing parties

Per Thureson (PT)
RISE Research Institutes of Sweden AB
Company reg. no. 556464-6874
per.thureson@ri.se

Signed 2023-08-21 18:17:25 CEST (+0200)

Richard Johansson (RJ)
richard.johansson@ri.se



Signed 2023-08-21 18:12:56 CEST (+0200)