REPORT

Issued by an Accredited Testing Laboratory

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O100741-1237483-3

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

1 Introduction

This classification report defines the classification assigned to “Pro Interiör 2 and 7” in accordance with the procedure given in EN 13501-1:2018.

2 Details of classified product

2.1 General

The products “Pro Interiör 2 and 7” are defined as decorative coating.

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

2.2 Product description

The products, Pro Interiör 2 and 7, are fully described in the test reports provided in support of classification listed in Clause 3.1.

The paint systems are built up on gypsum plasterboard with Euroclass A2-s1,d0, with a nominal density of 700 kg/m^3 and a nominal thickness of 12.5 mm.

Table 1 Products.

Paint system:	Primer Nominal amount (g/m^2)	Top coat Nominal amount (g/m^2)
Supertäck Grund Vit + PRO Interiör 2	183.75	196.25
PRO Interiör 2 + PRO Interiör 2	196.25	196.25
Supertäck Grund Vit + PRO Interiör 7	183.25	158.75
PRO Interiör 7 + PRO Interiör 7	158.75	158.75

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3 Reports and results in support of this classification

3.1 Test reports

Table 2 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	DAW Nordic AB	O100741-1237483	EN 13823:2020+A1:2022 and EN ISO 11925-2:2020

3.2 Test results

The test results listed below show the worst case as found in the test programme performed and reported according to the table above.

Table 3 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		12		
Surface flame attack**				
30 s exposure	$F_s \leq 150$ mm		(-)	Compliant
Flaming droplets/particles	Ignition of filter paper		(-)	No ignition of filter paper
EN 13823		6		
	$FIGRA_{0,2MJ}$ (W/s)		12	Compliant
	$FIGRA_{0,4MJ}$ (W/s)		0	Compliant
	$LFS <$ edge		(-)	Compliant
	THR_{600s}, (MJ)		1	Compliant
	$SMOGRA$, (m^2/s^2)		0	Compliant
	TSP_{600s}, (m^2)		9	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 products called “Pro Interiör 2 and 7” in relation to their reaction to fire behaviour are 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 2.2 in this report

This classification is valid for the following end use conditions:

Substrates

- Gypsum plasterboard (paper faced) and any end use substrate of Euroclasses A1 or A2-s1,d0 at least 12 mm thick, having a density ≥ 525 kg/m^3.

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

Johan Post

Examined by

Per Thureson

Verification

Transaction 09222115557515292890

Document

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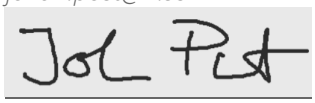

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