

Tarkett AB
SE-372 81 RONNEBY

Reaction to fire classification report

1 Introduction

This classification report defines the classification assigned to the product “Wallgard” in accordance with the procedure given in EN 13501-1:2007.

2 Details of classified product

2.1 General

The product “Wallgard” is defined as a wall covering. Its classification is valid for the wall covering for indoor use:

According to the owner of this classification report, this product complies with the European product specification EN 15102.

2.2 Product description

The product, is fully described below.

According to the client:

Vinyl wall covering with mineral fillers called “Wallgard”. The product has a nominal thickness of 1.20 mm and a nominal density of 1700 kg/m³.

3 Test report & test results in support of classification

3.1 Test report

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	5P01889	EN 13823 EN ISO 11925-2

SP Technical Research Institute of Sweden

Postal address
SP
Box 857
SE-501 15 BORÅS
Sweden

Office location
Västeråsen
Brinellgatan 4
SE-504 62 BORÅS

Phone / Fax / E-mail
+46 10 516 50 00
+46 33 13 55 02
info@sp.se

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3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter mean (m)	Compliance with parameters
EN ISO 11925-2		12		
Edge/Surface flame attack**				
30 s exposure	$F_s \leq 150$ mm		(-)	Compliant
Flaming droplets/particles	Ignition of filter paper		(-)	No flaming droplets/particles
EN 13823		3		
	$FIGRA_{0,2MJ}$ (W/s)		110	Compliant
	$FIGRA_{0,4MJ}$ (W/s)		101	Compliant
	$LFS < \text{edge}$		(-)	Compliant
	THR_{600s} , (MJ)		6.3	Compliant
	$SMOGRA$, (m^2/s^2)		25	Compliant
	TSP_{600s} , (m^2)		134	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 and direct field of application

This classification has been carried out in accordance with clause 11 and 15 of EN 13501-1:2007.

4.2 Classification

The product called “Wallgard” in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s2

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	2	,	d	0

Reaction to fire classification: *B-s2,d0*

4.3 Field of application:

This classification is valid for the following product parameters:

Nominal thickness: 1.20 mm.

Nominal density: 1700 g/m³.

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 at least 12 mm thick, having a density ≥ 525 kg/m³.

Fixings

- Water based adhesive type acryl/copolymer dispersion, amount 300 g/m².

Void

- Vertical and horizontal joints, closed joints.

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 Research - Fire Dynamics

Performed by

Examined by

Johan Post

Per Thureson