

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/m<sup>3</sup>.

### 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

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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	$F_s \leq 150 \text{ mm}$		(-)	Compliant
Flaming droplets/particles	Ignition of filter paper		(-)	No flaming droplets/particles
EN 13823		3		
	$FIGRA_{0,2MJ} \text{ (W/s)}$		110	Compliant
	$FIGRA_{0,4MJ} \text{ (W/s)}$		101	Compliant
	$LFS < \text{edge}$		(-)	Compliant
	$THR_{600s} \text{ (MJ)}$		6.3	Compliant
	$SMOGRA \text{ (m}^2/\text{s}^2\text{)}$		25	Compliant
	$TSP_{600s} \text{ (m}^2\text{)}$		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>B</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/m<sup>3</sup>.

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  $\geq 525$  kg/m<sup>3</sup>.

Fixings

- Water based adhesive type acryl/copolymer dispersion, amount 300 g/m<sup>2</sup>.

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

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