
CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH EN 13501-1:2002

Sponsor: Oy Puu-Component Ab
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Product name: Veneered interior panel

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The standards referred to in this classification report are accredited.



1 Introduction

This classification report defines the classification assigned to Veneered interior panel in accordance with the procedures given in EN 13501-1:2002.

2 Details of classified product

2.1 General

The product, Veneered interior panel, is defined as gypsum fibre board. Its classification is valid for end use application in building construction works.

2.2 Product description

The product, Veneered interior panel, is described below

Product description: veneered fibre gypsum board

Manufacturer: Oy Puu-Component Ab, Kristiinankaupunki

Thickness of the product: 13 mm

Surface: veneered surface

Thickness of veneer: 0,6 mm

Surface treatment: UV Lacquer, base about 10 g/m², surface 30 – 40 g/m²

Adhesive: UREA-Formaldehyde glue 120 – 130 g/m²

Thickness of fibre gypsum board: 12 mm

Density of fibre gypsum board: about 1100 – 1250 kg/m³

Organic content of fibre gypsum board: 15 – 20 %

Type of fibre: cellulose or wood

Joint profile: aluminium

Type of joint: open or closed

3 Test reports and test results in support of classification

3.1 Test reports

Name of laboratory	Name of customer	Test reports	Test method
VTT	Oy Puu-Component Ab	VTT-S-6004-07	EN ISO 11925-2:2002
VTT	Oy Puu-Component Ab	VTT-S-1899-07	EN 13823:2002

3.2 Test results

Test method	Parameter	Number of tests	Continuous parameter mean	Compliance parameters
EN ISO 11925-2 surface flame attack 30 s exposure	Fs ≤150 mm	6	-	Y
	flaming droplets/particles	ignition of the filter paper	6	Y
EN ISO 11925-2 edge flame attack 30 s exposure	Fs ≤150 mm	6	-	Y
	flaming droplets/particles	ignition of the filter paper	6	Y
EN ISO 11925-2 edge flame attack ¹⁾ 30 s exposure	Fs ≤150 mm	6	-	Y
	flaming droplets/particles	ignition of the filter paper	6	Y
EN 13823	FIGRA _{0,2 MJ} (W/s)	5	105	-
	FIGRA _{0,4 MJ} (W/s)	5	49	-
	THR _{600s} (MJ)	5	2,1	-
	LFS edge	5	-	Y
	SMOGRA (m ² /s ²)	5	0	-
	TSP _{600s} (m ²)	5	29	-
	Flaming droplets / particles	5	-	Y

1) edge exposed when specimen turned through 90°

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2002.

4.2 Classification

The product, Veneered interior panel, 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 droplets/particles is:

d0

The format of the reaction to fire classification for construction products except floorings is:

Fire behaviour		Smoke production			Flaming droplets	
B	-	s	1	,	d	0

i.e.: B-s1, d0

4.3 Field of application

This classification is valid for the following end use applications

- with thermal insulation at least class A2 in the cavity
- board behind the thermal insulation wood based product or product at least class A2
- fixed with mechanical fixings
- fixed to wooden or metallic frames
- with 10 mm open or closed joints sealed by aluminium joint profile

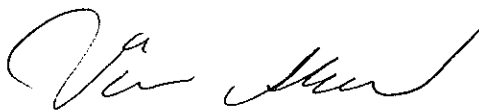
Classification is valid also for the following product parameters

- organic content of gypsum fibre board $\leq 20\%$

5 Limitations

This classification report does not represent type approval or certification of the products.

Espoo, 27 June 2007



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