
CLASSIFICATION OF REACTION TO FIRE ACCORDANCE WITH EN 13501-1:2018

1. Introduction

This classification report defines the classification assigned to “DecoBoard P2” laminated board, 8÷38 mm thick, in accordance with the procedures in EN 13501-1:2018.

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Notified Body No: -

Product name: “DecoBoard P2” laminated board
Thickness 8÷38 mm.

Classification report No: SL/Z-602/EN13501/656a/2021-v2

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2. Details of classified product

2.1. General

The product, “DecoBoard P2” laminated board. Thickness 8÷38 mm

2.2. Product description

The product, “DecoBoard P2” laminated board. Thickness 8÷38 mm, is described below or is described in the reports provided in support of classification listed in 3.1

Laminated board „DecoBoard P2” - board manufactured by applying a paper sheets impregnated with uncured amino resin into both sides of the particleboard type P2 and connecting them as well hardening of resin in the same process of hot-pressing without using any additional adhesive; the surfaces can be smooth or structured, one- or two-sided, covered with a selected pattern or colour depending on the order; Intended for indoor use in dry conditions with a thickness of 8 to 38 mm. Composition Wood / Particleboard “ClassicBoard P2”: Urea-formaldehyde (UF) resin based glue with hardener; Hydrophobic agent; Décor paper sheets; Urea-formaldehyde (UF) impregnating resin with modifiers and hardener; Melamine-formaldehyde (MF) impregnating resin with modifiers and hardener.

3. Reports and results in support of this classification

3.1. Specific conditions

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3.2. Reports

Name of Laboratory	Name of sponsor	Report ref. No.	Test method and date Field of application rules and date
Sychta Laboratorium	Pfleiderer Grajewo Sp. z o.o.	SL/Z-602/PN13823/655a/2021	PN-EN ISO 13823 PN-EN ISO 11925-2 10.09.2021

3.3. Results

Test method and test number	Parameter	No. Tests ^a	Results	
			Continuous parameter - mean (m)	Compliance with parameters
PN-EN 13823	FIGRA, W·s ⁻¹	3	274	(-)
	THR _{600s} , MJ		18,9	(-)
	LFS < edge		(-)	Compliant
	SMOGR, m ² ·s ⁻²		0	(-)
	TSP600s, m ²		22	(-)
	Flaming particles or droplets, time s		(-)	Compliant
PN-EN ISO 11925-2 Exposure time 30 s	Flame spread > 150 mm in 60 s, mm	6	(-)	Compliant
	Ignition of paper		(-)	Compliant

^a Not for extended application, (-): not applicable

4. Classification and field of application

4.1. Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018.

4.2. Classification

The product, “DecoBoard P2” laminated board. Thickness 8÷38 mm in relations to its reaction to fire behaviour is classified:

D

The additional classification in relations to smoke production is:

s1

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

d0

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

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

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

Reaction to fire classification: D-s1,d0

4.3. Field of application

This classification is valid for the following product parameters:

- chipboard laminated on both sides
- thickness: 8-38 mm
- density: between 570-730 kg/m³ (+/-10%)

The classification is valid for the following end use applications:

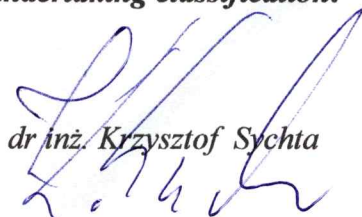
This classification applies to a free-standing material with a ventilated or non-ventilated air gap.

Placing and / or fixing to mineral substrates of class A1 or A2-s1, d0 will not degrade the fire properties of the product.

5. Limitations

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

**Signature of person
undertaking classification:**



dr inż. Krzysztof Sychta

**Signature of person
authorising report:**



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