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

1. Introduction

This classification report defines the classification assigned to Kronoart EDF Boards – Variant 1 in accordance with the procedures in EN 13501-1:2018.

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Notified Body No: -

Product name: Kronoart EDF Boards – Variant 1

Classification report No: SL/Z-688/EN13501/754a/2021

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This classification report consists of four pages and may only be used or reproduced in its entirety.

2. Details of classified product

2.1. General

The product, Kronoart EDF Boards – Variant 1

2.2. Product description

The product, Kronoart EDF Boards – Variant 1, is described below or is described in the reports provided in support of classification listed in 3.1

High-pressure decorative laminates with heighten fire resistance, intended for outdoor use in moderate and tough conditions, exposed to direct sunlight, rain and frost. They are characterized by high tensile strength, impact strength, thermal shock, weather conditions and corrosion. Thickness range 6 - 10 mm.

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	Kronospan HPL Sp. z o.o.	SL/Z-688/EN13823/753a/2021	PN-EN ISO 13823 PN-EN ISO 11925-2 13.10.2021

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	38	(-)
	THR _{600s} , MJ		2,9	(-)
	LFS < edge		(-)	Compliant
	SMOGRA, m ² ·s ⁻²		2	(-)
	TSP600s, m ²		36	(-)
	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, Kronoart EDF Boards – Variant 1, in relations to its reaction to fire behaviour is classified:

B

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:

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:

- plastic laminated on both sides with dark gray laminate;
- thickness of 6 mm to 10 mm;
- density 1,4-1,5 g/cm³.

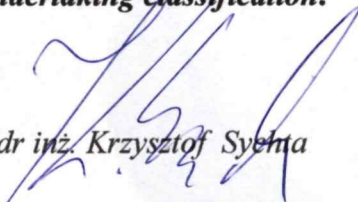
The classification is valid for the following end use applications:

This classification applies to material attached to mineral substrates of class A1 or A2-s1, d0 with ventilated or non-ventilated air gap.

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:**

KIEROWNIK LABORATORIUM


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