

ENGLISH VERSION OF THE OFFICIAL FRENCH PROCÈS-VERBAL N° EFR-23-003411-AA

Only the original French edition of this procès-verbal is authentic.
Seule l'édition originale en français du présent procès-verbal fait foi.

The French PROCES VERBAL is valid for 5 years starting on September 12, 2023

This procès-verbal cancels and replaces the procès-verbal N° EFR-23-003411-AA

Version	Modification	Comment	Date		
0	Document creation	/	03/10/2023	Editor	RABATEL Thomas
				Verifier	LE GOFF Guillaume
				Approuver	RODIER Lise
1	Addition of PCS results for / colour extension.		30/01/2024	Editor	RABATEL Thomas
	Modification of the field of application			Verifier	LE GOFF Guillaume
				Approuver	RODIER Lise

Applicant NEOLIFE
Bâtiment Sendaï
11 Chemin des anciennes Vignes
69410 Champagne au Mont d'OR
France

Sample reference LINK 6

Brief description Polymer wood cladding made from wood fiber, PVC and additives.

Density 1450 kg/m³

Mass per unit area 14.68 kg/m²

Thickness 9 mm

Colours All colors

Standard of tests:

- **NF EN 13501-1: 2018** – Fire classification of construction products and building elements- Part 1 : Classification using data from reaction to fire tests
- **NF EN ISO 11925-2: 2020** – Reaction to fire tests – Ignitability of products subjected to direct impingement of flame
- **NF EN 13823: 2020 +A1 : 2022** – Reaction to fire tests for building products – Building products excluding floorings exposed to the thermal attack by a single burning item
- **NF EN ISO 1716:2018** - Reaction to fire tests for products - Determination of the gross heat of combustion (calorific value)

Reaction to fire classification obtained in the official Procès Verbal	B-s3, d0
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Field of application :

This classification is applicable to construction products not covered by Decree No. 2012-1489 of December 27, 2012 adopted for the implementation of Regulation (EU) No. 305/2011 of the European Parliament and of the Council of March 9, 2011 and to furnishing materials.

The reaction to fire classification is valid for construction products excluding floorings and linear pipe thermal insulation products.

According to the standard NF EN 13238: 2012 the classification is valid for the following end use applications:

- Valid mechanically fastened to an A1 or A2-s1, d0 reaction to fire substrate with a density ≥ 653 kg/m³, using 28 mm x 35 mm (solid pine) wood battens providing an air gap of approx. 28 mm behind the product.

This classification is valid for the following product parameters:

- Valid only for the product characteristics described in this document.
- Valid for a wave width of 60 mm
- Valid for a profile wall thickness of 9 mm
- Valid for horizontal and vertical profiles
- Valid for all colors

*Taking into account the criteria resulting from the tests described in the test report **EFR-23-003411-SBI-A** and **EFR-23-003411-SF-A** from September 14, 2023 and **EFR-23-003411-HC** from January 30, 2024.*

This test report only demonstrates the characteristics of the test sample and does not prejudice the characteristics of similar products. It does not provide a certification of products within the Article L.115-27 of the Consumer Code and the Law of June 3rd, 1994.

Efectis France is approved for fire reaction tests according to the Decree of December 29th, 2016 amending the Decree of February 5th, 1959.

Les Avenières Veyrins-Thuellin, on March 15, 2024


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Ingénieur Chargé d'affaires
Signé par : Guillaume LE GOFF


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Superviseur Essais
Signé par : Lise RODIER

ANNEX 1 - RESULTS

Test method and test number	Parameter	No. Tests ^{a)}	Results	
			Continuous parameter - mean (m)	Compliance with parameters
NF EN 13823:2020 EFR-23-003411- SBI-A Vertical cladding slats	FIGRA _{0,2 MJ} (W/s)	3	94	-
	FIGRA _{0,4 MJ} (W/s)		94	-
	THR _{600 s} (MJ)		4.8	-
	LFS		-	Compliant
	SMOGRA		65	-
	TSP _{600s} (m ²)		431	-
	Flaming droplets or particles		-	Compliant
NF EN 13823:2020 EFR-23-003411- SBI-A Horizontal cladding slats	FIGRA _{0,2 MJ} (W/s)	1	49.4	-
	FIGRA _{0,4 MJ} (W/s)		49.4	-
	THR _{600 s} (MJ)		6	-
	LFS		-	Compliant
	SMOGRA		59.3	-
	TSP _{600s} (m ²)		383.1	-
	Flaming droplets or particles		-	Compliant
NF EN ISO 11925-2:2020 EFR-23-003411- SF-A	Fs	12	-	Compliant
	Filter paper ignition		-	Compliant
NF EN ISO 1716 : 2018 EFR-23-003411- HC Colours Bright (White)	GCV (MJ/kg)	1	0.4	-

NF EN ISO 1716 : 2018 EFR-23-003411- HC Colours Medium (Dark red)	GCV (MJ/kg)	1	5.9	-
NF EN ISO 1716 : 2018 EFR-23-003411- HC Colours Dark (Dark grey)	GCV (MJ/kg)	3	18.6	-
a) Not for extended application (-) means not applicable				