

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

**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 October 17, 2023

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

Version	Modification	Comment	Date		
0	Document creation	/	17/10/2023	Editor	RABATEL Thomas
				Verifier	LE GOFF Guillaume
				Approuveur	RODIER Lise
1	Addition of PCS results for / colour extension. Modification of the field of application		30/01/2024	Editor	RABATEL Thomas
				Verifier	LE GOFF Guillaume
				Approuveur	RODIER Lise

Applicant	NEOLIFE Bâtiment Sendaï 11 Chemin des anciennes Vignes 69410 Champagne au Mont d'OR France
Sample reference	LINK 14
Brief description	Polymer wood cladding made from wood fiber, PVC and additives. Wave width of 140 mm.
Density	1450 kg/m ³
Mass per unit area	13.72 kg/m ²
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 140 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-B and EFR-23-003411-SF-B** from October 17, 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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Guillaume
LE GOFF

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Lise RODIER

Ingénieur Chargé d'affaires
Signé par : Guillaume LE GOFF

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-B Vertical cladding slats	FIGRA _{0,2 MJ} (W/s)	3	90	-
	FIGRA _{0,4 MJ} (W/s)		90	-
	THR _{600 s} (MJ)		6.2	-
	LFS		-	Compliant
	SMOGRA		77	-
TSP _{600s} (m ²)	450	-		
Flaming droplets or particles	-	Compliant		
NF EN 13823:2020 EFR-23-003411-SBI-B Horizontal cladding slats	FIGRA _{0,2 MJ} (W/s)	1	59	-
	FIGRA _{0,4 MJ} (W/s)		59	-
	THR _{600 s} (MJ)		6.6	-
	LFS		-	Compliant
	SMOGRA		76	-
TSP _{600s} (m ²)	401	-		
Flaming droplets or particles	-	Compliant		
NF EN ISO 11925-2:2020 EFR-23-003411-SF-B	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	-

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