
Fire classification report

The supplier to NENKO has provided information declaring that this product has been designed and is built in accordance with fire classification report No. 21018E

Product	Rocker 2p - PVC
Code	21831005
Directive	This classification report defines the classification assigned to product 21831005 in accordance with the procedures given in the standard EN 13501-1:2018: Fire classification of construction products and building elements - Part 1: classification using data from reaction to fire tests

2. TEST REPORTS AND EXAP REPORTS AND TEST RESULTS IN SUPPORT OF THIS CLASSIFICATION

A. Test reports (and EXAP reports)

Name of the laboratory	Test report ref. No. and test date	Test method and date
WFRGENT nv Ghent, Belgium	21018A: 19/03/2021	EN ISO 11925-2:2020
WFRGENT nv Ghent, Belgiu	21018B: 15/03/2021 21018C: 15/03/2021, 18/03/2021 & 26/03/2021	EN 13823:202
WFRGENT nv Ghent, Belgiu	21018D	EXAP according to CEN/TS 15117 (August 2005)



B. Test results

Test method	Parameter	Number of tests	Results		Criteria for Class B-s2,d0	
			Continuous parameters Mean	Compliance parameters	Continuous parameters	Compliance parameters
EN ISO 11925-2 (*) (1) 30 s flame application: <u>Surface exposure</u> - front side	$F_s \leq 150$ mm Ignition filter paper	6	(-) (-)	Yes No	(-) (-)	Yes No
<i>(*) The material didn't melt nor pull away from the pilot burner.</i>						
EN 13823 (2)	FIGRA _{0,2 MJ} (W/s) FIGRA _{0,4 MJ} (W/s) LFS _{<edge} THR _{600s} (MJ) SMOGRA (m ² /s ²) TSP _{600s} (m ²) Flaming droplets/particles f < 10 s f > 10 s	3	56 1 (-) 0,7 114 40 (-) (-)	(-) (-) Yes (-) (-) (-) No No	≤ 120 (-) (-) $\leq 7,5$ ≤ 180 ≤ 200 (-) (-)	(-) (-) Yes (-) (-) (-) No No

(-) Not applicable.

Comparative test results used for the worst case determinations

EN 13823 Test report No. 21018B	FIGRA _{0,2 MJ} (W/s)	FIGRA _{0,4 MJ} (W/s)	THR _{600s} (MJ)	SMOGRA (m ² /s ²)	TSP _{600s} (m ²)
Sample 1: 640 g/m ² black (*)	72	0	0,7	120	35
Sample 2: 640 g/m ² yellow	69	0	0,6	79	38
Sample 2: 640 g/m ² white	0	0	0,6	66	28

(*) The results of this sample were re-used in the official test report No. 21018C (as sample 1).

3. CLASSIFICATION AND FIELD OF APPLICATION

- A. Reference of classification This classification has been carried out in accordance with EN 13501-1:2018.
- B. Classification

Fire behavior	Smoke production	Flaming droplets
B	s2	d0



C. Field of application

This classification for the product as described in §1b, is valid for the following end use applications:

- Freestanding according to EN 13823
- Joints: None
- Orientation: vertical (tested lengthwise)
- Fire exposed side: inner side of the canvass roll
- With protection of cut edges, so that the core fibres cannot directly be exposed to flames

This extended application is valid for the following product parameters:

- Total thickness: $\pm 0,55$ mm
- Total mass per unit area: $640 \text{ g/m}^2 \pm 10 \%$
- With fire retardants
- Colour: Valid for all colours


4. RESTRICTIONS

At the time the standard EN 13501-1:2018 was published, no decision was made concerning the duration of validity of a classification report. Provisions of Regulation (EU) 305/2011, commonly known as the Construction Products Regulation (CPR), prevail over any conflicting provisions in the harmonized standards and technical specifications.


5. WARNING

This classification report does not represent type approval or certification of the product. According to the information mentioned by the sponsor on the technical information sheet there was no product standard for CE marking available at the time the classification report for the tested material/product was drafted. When such a product standard is published, this report may be submitted again to the laboratory to evaluate the adequacy of the report for CE marking.

PREPARED BY

	<p>Mikel Nachtergaele (Signature) Project assistant, under supervision of Niek De Pauw 2021.05.17 12:51:10 +02'00'</p>
---	--

APPROVED BY

	<p>Niek De Pauw (Signature) Project Leader Ghent 2021.05.18 08:42:01 +02'00'</p>
--	--

This document is the original version of this classification report and is written in English. This report may be used only literally and completely for publications. - For publications of certain texts, in which this report is mentioned, our permission must be obtained in advance. The authenticity of the electronic signatures is assured by Belgium Root CA