



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

Sponsor: TH "NORT" LLC, 426028, Russia, Izhevsk, Pojma str., 57

Prepared by: „Center for Testing and European Certification” LTD
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Product name: "PIRILAX" – LUX fire retardant & antiseptic for wood

Classification report №: 1871-CPR-RtF-373

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1 Introduction

This classification report defines the classification assigned to the product *PIRILAX™ – LUX fire retardant & antiseptic for wood*, in accordance with the procedure given in EN 13501-1:2018

2 Details of classified product

2.1 General

The product, *PIRILAX™ – LUX fire retardant & antiseptic for wood* is defined as a wood impregnation product for the purpose of increasing the reaction to fire class. The product is produced from "NPO NORT" LLC, Russia, 426028, Pojma str., 57, Izhevsk.

2.2 Product description

The product, *PIRILAX™ – LUX fire retardant & antiseptic for wood* is described below or described in the report provided in support of classification listed in clause 3.1.

Product description:

The product PIRILAX™ – LUX fire retardant & antiseptic for wood is produced as an aqueous solution, the composition of which is declared confidential by the manufacturer in the documentation. The test specimens were prepared on a standard substrate from Plywood, not fire retardant treated, having a density of 450 kg / m³ and a thickness of 9mm, and a consumption of the "Pirilax" -Lux on the samples - 280 g / m² (3 layers) by brush.

3 Reports and results in support of this classification.

3.1 Reports

Name of Laboratory	Name of sponsor	Report ref.no.	Test method and date Field of application rules and date
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	TH "NORT" LLC, Russia	1422089/15.01.2020	BDS EN 13823:2010+A1:2015
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	TH "NORT" LLC, Russia	1422090/15.01.2020	BDS EN ISO 11925-2:2010



3.2 Results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance parameters
<i>BDS EN 13823:2010+A1:2015 with dia. 127 mm</i>	FIGRA _{0.4Mj} LFS THR _{600s}	3	30.9 (-) 2.8	Compliant
	SMOGRA TSP _{600s}		3.2 50.0	Compliant
	flaming droplets/particles		None	Compliant
<i>BDS EN ISO 11925-2:2010 (30s exposure surface)</i>	F _s	6	Nil	Compliant
	flaming droplets/particles		None	

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, "PIRILAX" – LUX fire retardant & antiseptic for wood, in relation to its reaction to fire behavior is classified:

B

The additional classification in relation to smoke production is:

s1

The additional classification in relation 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

"PIRILAX" – LUX fire retardant & antiseptic for wood is used to process wood to increase the fire response class of the treated material. The test was carried out in accordance with point 5.3.2 of BDS EN 13238 on a standard substrate of Plywood with a density of 450 kg / m³ and a thickness of 9 mm, which is representative of end use substrates which have a density of at least 338 kg/m³ and also any end use substrate of classes A1 and A2-s1, d0.

This classification is also valid for the following product parameters:
Composition of components - no change allowed


5 Limitations

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

SIGNED:


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Katya Boycheva
Specialist testing and quality

APPROVED:


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Hristina Angelova
Head of laboratory
on behalf of: **CTEC LTD**

