



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

Sponsor: Limited Liability Company "TSU RUS", 119333, Moscow,
Leninsky ave, building 52, area II, room 15 of. 2, Russia

Manufacturer: Limited Liability Company Financial Industrial Group "ROSSTRO",
3, Troitskaya Square, building A, room 2H, office 206, Saint Petersburg 197046, Russia

Prepared by: „Center for Testing and European Certification” LTD
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Product name: Chips and cement slabs ROSSTRO-VELOX

Classification report №: 1871-CPR-RtF-414

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1 Introduction

This classification report defines the classification assigned to the product Chips and cement slabs ROSSTRO-VELOX, in accordance with the procedure given in EN 13501-1:2018

2 Details of classified product

2.1 General

The product, Chips and cement slabs ROSSTRO-VELOX, is defined as factory made wood-based panels for use in construction in accordance with EN 13986. The product is manufactured in Limited Liability Company Financial Industrial Group "ROSSTRO", Russia

2.2 Product description

The product, Chips and cement slabs ROSSTRO-VELOX is described below or described in the report provided in support of classification listed in clause 3.1.

Product description:

Chips and cement slabs ROSSTRO-VELOX is a panel made of sulfur modified wood chip with mineral additives of aluminum sulfate and liquid glass as preservative and hardening agent. Tested samples were with a thickness of 35 mm and a density of 900 kg/m³

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	Limited Liability Company "TSU RUS", Russia	1422037/29.09.2020	BDS EN 13823:2010+A1:2015
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	Limited Liability Company "TSU RUS", Russia	1422038/29.09.2020	BDS EN ISO 11925-2:2020



3.2 Results

Test method and test number	Parameter	No. tests	Results	Compliance with parameters
			Continuous parameter - mean (m)	
BDS EN 13823:2010 +A1:2015	FIGRA _{0.2MJ} LFS THR _{600s}	3	8.3 (-) 1.2	Compliant
	SMOGRA TSP _{600s}		0.0 26.9	Compliant
	flaming droplets/particles		No	Compliant
BDS EN ISO 11925-2:2020 (30 s exposure – on the surface)	F _s	6	Nil	Compliant
	flaming droplets/particles		None	Compliant

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, Chips and cement slabs ROSSTRO-VELOX, in relation to its reaction to fire behaviour 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 products for thermal insulation of pipes 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 end use conditions:

- for internal and for external use in construction

This classification is valid for the following product parameters:

- Thickness: 35 mm
- Density: 900 kg/m³
- Type of cover – without covering
- Composition of components - not allowed amendment

5 Limitations


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

The classification assigned to the product in this report is appropriate to a declaration of conformity by the manufacturer within the context of system 3 of AVCP and CE marking under the Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing of construction products.

The manufacturer has made a declaration, which is held on file. This confirms that the products design requires no specific processes, procedures or stages (e.g. no addition of flame-retardants, limitation of organic content, or addition of fillers) that are aimed at enhancing the fire performance in order to obtain the classification achieved. As a consequence, the manufacturer has concluded that system 3 attestation is appropriate.


The test laboratory has, therefore, played no part in sampling the product for the test, although it holds appropriate references, supplied by the manufacturer, to provide for traceability of the samples tested.

SIGNED:



Katya Boycheva
 Specialist testing and quality

APPROVED:



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

