



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: Komitex LIN Ltd, 2-Promyshlennaya str., 10 Syktyvkar, 167981
Russian Federation

Prepared by: „Center for Testing and European Certification” LTD
2 Industrialna Street, Stara Zagora Bulgaria

Notified body №: 1871

Product name: Polyvinyl chloride floor covering "Vinyl SW"

Classification report №: 1871-CPR-RtF-432

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1 Introduction

This classification report defines the classification assigned to the product Polyvinyl chloride floor covering "Vinyl SW", in accordance with the procedure given in EN 13501-1:2018

2 Details of classified product

2.1 General

The product, Polyvinyl chloride floor covering "Vinyl SW", is defined as factory-made heterogeneous floor covering in accordance with EN 14041:2004. The product is manufactured in Komitex LIN Ltd, 2-Promyshlennaya str., 10 Syktyvkar, 167981, Russian Federation

2.2 Product description

The product, Polyvinyl chloride floor covering "Vinyl SW" is described below or described in the report provided in support of classification listed in clause 3.1.

Product description:

Polyvinyl chloride floor covering "Vinyl SW" is a product consisting of a 5 layers: wear layer PVC; design layer PVC; compact PVC layer (DOTP+PVC); glass fiber mat; compact PVC layer (DOTP+PVC). Tested samples: with thickness 2.0 mm and density 3.0 kg/m² and with thickness 3.0 mm and density 4.9 kg/m².

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	1420064/01.02.2021	BDS EN ISO 9239-1:2010
CONSTRUCTION PRODUCTS TESTING LABORATORY CTEC LTD Stara Zagora, Bulgaria	Limited Liability Company "TSU RUS", Russia	1420065/02.02.2021	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 ISO 9239-1:2010 Tested sample: with thickness 3.0 mm, density 4.9 kg/m ²	CHF, kW/m ²	1	10.81		Compliant
	smoke measurement, % min		135.38		Compliant
BDS EN ISO 9239-1:2010 Tested samples: with thickness 2.0 mm, density 3.0 kg/m ²	CHF, kW/m ²	3	8.34	average 9.99	Compliant
			10.81		
			10.81		
	smoke measurement, % min		164.84	average 158.04	Compliant
			144.21		
			165.07		
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, Polyvinyl chloride floor covering "Vinyl SW", in relation to its reaction to fire behaviour is classified:

B_{fl}

The additional classification in relation to smoke production is:

s1

The format of the reaction to fire classification for floorings is:

Fire Behaviour		Smoke Production	
B_{fl}	-	s	1

Reaction to fire classification: B_{fl} – s1



4.3 Field of application

This classification is valid for the following end use applications:

Polyvinyl chloride floor covering "Vinyl SW" is used as floor covering for domestic and commercial levels of use.

Mounting and fixing when tested according to BDS EN ISO 9239-1 is performed directly on substrate of not fire retardant treated particleboard (in accordance with EN 312) with thickness (20 ± 2) mm, with density (680 ± 50) kg/m³. The test results obtained in this way are also applicable to end use substrates of wood and of classes A1 and A2-s1, d0 and for floor coverings with and without using adhesives in end use conditions

This classification is also valid for the following product parameters:

Thickness: from 2.0 mm to 3.0 mm

Density – from 3.0 kg/m² to 4.9 kg/m²

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:


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Katya Boycheva
Specialist testing and quality

APPROVED:


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

