



GROUP OF TESTING LABORATORIES
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FIRE TESTING LABORATORY (LP)



REACTION TO FIRE CLASSIFICATION REPORT IN ACCORDANCE WITH EN 13501-1:2007

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Product name:	PVC floor covering with trade name Elektra 43
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1. Introduction

This classification report defines the classification assigned to PVC floor covering with trade name Elektra 43 in accordance with the procedures given in EN 13501-1:2007.

2. Details of classified product

2.1 General

The product is defined as PVC floor covering.

2.2 Product description

The product, is described below.

PVC floor covering with trade name Elektra 43. Thickness 2,0 mm.

PVC floor covering with trade name Elektra 43 is produced by Gamrat S.A.

3. Test reports & test results in support of classification

3.1 Test reports

Name of laboratory	Name of sponsor	Test report no.	Test method
Fire Testing Laboratory of ITB	Zakłady Tworzyw Sztucznych GAMRAT Spółka Akcyjna	LP-00788.1/23-24/10	PN-EN ISO 11925-2
		LP-00788.1/3.1-10/10	PN-EN ISO 9239-1

3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
LP-00788.1/23-24/10				
PN-EN ISO 11925-2 Exposure 15 s	$F_s \leq 150$ mm	6	(-)	Y
LP-00788.1/3.1-10/10				
PN-EN ISO 9239-1	Critical heat flux (kW/m ²)	3	11,0	(-)
	Smoke production (% • min)	3	81,6	(-)
(-):do not concern Y: Yes N: No				

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with EN 13501-1:2007.

4.2 Classification

PVC floor covering with trade name Elektra 43, 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

i.e.: **B_{fl}-s1**

Reaction to fire classification: **B_{fl}-s1**

4.3 Field of application

This classification is valid for the following product parameters:

- Product described in point 2.2 this classification report
- Product can be used with substrates with reaction to fire classification A1 or A2 and with wooden and wood based substrates.

5 Limitations

This classification given remains valid as long as:

- test method remains unchanged,
- product standard or technical approval remains unchanged,
- constructional or material modifications do not exceed limits of the field of application defined in 4.3.

This classification report has been issued in two copies. Additional signed copies can be issued by Fire Research Department of ITB on the request of the report's owner only.

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

SIGNED

APPROVED


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