

CERTIFIED TRANSLATION FROM POLISH INTO ENGLISH

ITB @ BUILDING RESEARCH INSTITUTE [*Institut Techniki Budowlanej*]

00-611 Warsaw, ul. Filtrowa 1, tel. (0-22) 825-04-71, fax (0-22) 825-52-86. Director: tel. (0-22) 825-13-03, 825-28-85, fax (0-22) 825-77-30
www.itb.pl

Fire Research Department
02-656 Warsaw, ul. Ksawerów 21
tel. 0 -22 853 -34 -27
fax (0-22) 847-23-11
e-mail: fire@itb.pl

REACTION TO FIRE CLASSIFICATION according to EN 13501-1:2007

Contracting Party:	KRONOPOL Sp. z o.o. ul. Serbska 56 68-200 Żary
Prepared by:	Fire Research Department Building Research Institute ul. Filtrowa 1 00-611 Warsaw
Product name:	Kronopol Laminate Flooring
Classification Report No. 44	NP.-1398/C/08/MŻ
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This classification report comprises five pages and may be used or reproduced only in its entirety.

1. Introduction

This classification report specifies the classification of Kronopol Laminate Flooring in accordance with the procedures provided for in EN 13501-1:2007.

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Reg. no. 11/2014

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Chełm, 3rd January 2014



2. Details of the product subject to classification

2.1 General Provisions

2.2 Kronopol Laminate Flooring

Product description

The product has been described below.

Kronopol Laminate Flooring.

Laminate flooring is made of HDF board; the topside is covered with a two-layer laminate (decorative paper + cover paper, the so-called overlay, treated with amino resins) with a total thickness of 0.35 mm, the underside is covered with balancing foil with a thickness of 0.25 mm.

3. Test report and test results providing the basis for classification

3.1 Test reports

Laboratory name	Ordering Party's name	Test Report No.	Test method
Fire Testing Laboratory at the Building Research Institute	Kronopol Sp. z o.o.	LP-1398/23-245/08	PN-EN ISO 11925-2
		LP-1398/3-64/08	PN-EN ISO 9239-1

Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter – mean	Compliance with parameters
PN-EN ISO 11925-2 15 sec exposure	$F_s \leq 150$ mm	6	(-)	Y
PN-EN ISO 9239-1	Critical heat flux (kW/m ²)	3	6.7	(-)
	Smoke production (% • min)	3	3.6	(-)

(-): not applicable
Y: YES
N: NO

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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

The Reaction to Fire Classification of Kronopol Laminate Flooring is:

C_{fl}

Due to smoke production, the product was awarded additional classification:

s1

The Reaction to Fire Classification format for flooring is:

Fire behaviour		Smoke production	
C _{fl}	-	s	1

i.e. C_{fl}-s1

Reaction to Fire Classification C_{fl}-s1

This classification is valid for final classifications in accordance with the technical conditions to be met by buildings and their locations as well as for "flash resistant flooring" pursuant to the Regulation of the Minister of Infrastructure of 12th April 2002 (Journal of Laws No. 75 of 15 June 2002).

4.3 Field of application

This classification is valid for Kronopol Laminate Flooring with the following parameters characterizing the product:

- thickness of 6 mm, glue-free connection, abrasion class AC3,
- thickness of 7 mm, glue-free connection, abrasion class AC3 and AC4, either with or without SONIC sound dampening mat on the underside of the flooring,
- thickness of 8 mm, glue-free connection, abrasion class AC3 and AC4. Laminate flooring can be used on the substrates of euroclass A1 and A2. Product description according to 2.2.

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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 the Building Research Institute on the request of the report's owner only.

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

Signed by

[*illegible signature*]

Mariusz Żołąnik

[*illegible signature*]

dr inż. Andrzej Kolbrecki

Approved by

Head of Fire Research Department

[*illegible signature*]

Mirosław Kosiorek

[*Translator's notes are placed in italics in square brackets*]

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