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Notified Body N° 1583

Poznań, 14th July 2017

Reaction to fire classification report

1 Introduction

This classification report defines the classification assigned to the linoleum flooring named “Elafono glued on Linoleum xf² / Linosom xf² /Linoleum Essenza/ Linosom Essenza (Veneto, Style Emme, Style Elle, Etrusco, Trentino, Originale Minerale, Originale Vegatale)” glued on incombustible support of 8mm thick fibre-cement board with acrylic adhesives, for example the Uzin LE 44 adhesive, in accordance with the procedures given in PN-EN 13501-1+A1:2010 [EN 13501-1:2007+A1:2009].

CLASSIFICATION OF REACTION TO FIRE IN ACCORDANCE WITH PN-EN 13501-1+A1:2010

Sponsor: Tarkett S.p.A.
Strada Sant’Anna 6
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Italy

Prepared by: Wood Technology Institute (Instytut Technologii Drewna)
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Notified Body No 1583

Product name: linoleum flooring named “Elafono glued on Linoleum xf² / Linosom xf² /Linoleum Essenza/ Linosom Essenza (Veneto, Style Emme, Style Elle, Etrusco, Trentino, Originale Minerale, Originale Vegatale)” glued on incombustible support of 8mm thick fibre-cement board

Classification report No.: 8/2017

Issue number: 1

Date of issue: 14th July 2017

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2 Details of classified product

2.1 General

The product, linoleum flooring named "Elafono glued on Linoleum xf² / Linosom xf² /Linoleum Essenza/ Linosom Essenza (Veneto, Style Emme, Style Elle, Etrusco, Trentino, Originale Minerale, Originale Vegatale)" glued on incombustible support of 8mm thick fibre-cement board is defined as a flooring.

2.2 Product description

The product, linoleum flooring named "Elafono glued on Linoleum xf² / Linosom xf² /Linoleum Essenza/ Linosom Essenza (Veneto, Style Emme, Style Elle, Etrusco, Trentino, Originale Minerale, Originale Vegatale)" glued on incombustible support of 8mm thick fibre-cement board is described below or is described in the reports provided in support of classification listed in 3.1.

Total thickness of products: 4,00/4.50mm. Surface finish: xf²: PU based surface treatment; Essenza: acrylic surface treatment.

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
Wood, Wood-Based Materials, Packaging, Furniture, Wooden Constructions and Woodworking Machines Testing Laboratory of Wood Technology Institute in Poznań	Tarkett S.p.A. Strada Sant'Anna 6 05035 Narni Scalo (TR) Italy	1734/2017/S.K record no. 1/1734/2017/S.K	EN ISO 9239-1 (radiant heat source method) 23 rd June 2017 direct application
Wood, Wood-Based Materials, Packaging, Furniture, Wooden Constructions and Woodworking Machines Testing Laboratory of Wood Technology Institute in Poznań	Tarkett S.p.A. Strada Sant'Anna 6 05035 Narni Scalo (TR) Italy	1734/2017/S.K record no. 2/1734/2017/S.K	EN ISO 11925-2 (direct impingement of single flame method) 23 rd June 2017 direct application

3.2 Results

Test method and test number	Parameter	No. Tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
EN ISO 9239-1 (radiant heat source method) A-1734-BOŚ/2017/6K	Critical heat flux (kW/m ²)	3	6.64	(-)
	Smoke production (%·min)		159.51	(-)
EN ISO 11925-2 (direct impingement of single flame method) Exposure time: 15 s A-1734-BOŚ/2017/7K	The flame spread $F_s \leq 150$ mm within 20 s from the time of application	6	(-)	YES

(-):not applicable

4 Classification and field of application

4.1 Reference of classification

This classification has been carried out in accordance with PN-EN 13501-1+A1:2010.

4.2 Classification

The product, linoleum flooring named "Elafono glued on Linoleum xf² / Linosom xf² /Linoleum Essenza/ Linosom Essenza (Veneto, Style Emme, Style Elle, Etrusco, Trentino, Originale Minerale, Originale Vegatale)" glued on incombustible support of 8mm thick fibre-cement board with the acrylic adhesive, for example the Uzin LE 44 adhesive, in relation to its reaction to fire behavior is classified:

C_{fl}

The additional classification in relation to smoke production is:

s1

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

Fire behavior		Smoke production	
C_{fl}	-	s	1

ie.: **C_{fl}-s1**

Reaction to fire classification: C_{fl}-s1

4.3 Field of application

This classification is valid for the following product parameters:

- Total thickness: 4.00/4.50 mm
- Surface finish: xf²: PU based surface treatment; Essenza: acrylic surface treatment.
- (Test report no. 1734/2017/S.K of 14th July 2017)

This classification is valid for the following end use applications:

- The product glued with the acrylic adhesive, for example Uzin LE 44 adhesive, on floorings or bases of reaction to fire classes A1 or A2-s1,d0.
- The product used in a horizontal position with the exposed side up.

5 Limitations

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

This document is valid provided that neither the composition nor production technology of the product are changed, but not longer than until **14th July 2022**.

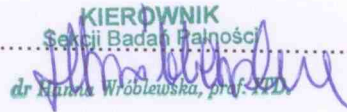
SIGNED

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APPROVED

**Dr Hanna Wróblewska,
Prof. of Wood Technology Institute**


KIEROWNIK
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