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

Contract no. 1292/12/Z00NP

Sponsor:	**Vecta Design OÜ** **Lao 12-1** **80010 Pärnu** **Estonia**
Prepared by:	**Building Research Institute; 1, Filtrowa str.** **00-611 Warszawa, Poland**
Product name:	**Stretch ceilings from PVC foil** **produced by Vecta Design OÜ**
Classification report No.:	**1292.1/12/Z00NP** (replaces the report no.1292/12/Z00NP)
Issue number:	**1 (version in English) Copy no. 1**
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This classification report consists of four pages and may only be used or reproduced in its entirety.

1. Introduction

This classification report defines the classification assigned to stretch ceilings from PVC foil produced by Vecta Design OÜ in accordance with the procedures given in PN-EN 13501-1+A1:2010.

2. Details of classified product

2.1 General

The product is defined as stretch ceiling.

2.2 Product description

The product, is described below.

Product description:

Stretch ceiling made of PVC foil.

PVC foil has following parameters:

Thickness:0,17 mm

Surface mass: 226±4,5 g/m^2.

PVC foil for stretch ceilings is produced by Vecta Design OÜ

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	Vecta Design OÜ	LP01-1292/12/Z00NP	PN-EN ISO 11925-2
		LPP02-1292/12/Z00NP	PN-EN 13823

3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
PN-EN ISO 11925-2 Surface and edge exposure exposure time 30 s PVC foil for stretch ceilings produced by Vecta Design OÜ	F_s ≤150 mm	12	(–)	Y
	Flaming Droplets/particles		(–)	N
PN-EN 13823 PVC foil for stretch ceilings produced by Vecta Design OÜ	FIGRA $_{0,2MJ}$	3	3,9	(–)
	FIGRA $_{0,4MJ}$		3,9	(–)
	LFS < edge		(–)	T
	THR_{600s} [MJ]		0,8	(–)
	SMOGRA [m^2/s^2]		33,4	(–)
	TSP_{600s} [m^2]		38,0	(–)
	Flaming Droplets/particles		(–)	N

(–): 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 PN-EN 13501-1+A1:2010.

4.2 Classification

The products, PVC foil for stretch ceilings produced by Vecta Design OÜ, in relation to its reaction to fire behaviour are classified:

B

The additional classification in relation to smoke production is:

s2

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 linear pipe thermal insulation products is:

Fire behaviour		Smoke production			Flaming droplets	
B	**-**	**s**	**2**	**,**	**d**	**0**

i.e.: B-s2,d0

Reaction to fire classification: B-s2,d0

4.3 Field of application

This classification is valid for the following product parameters:

- PVC foil for stretch ceilings produced by Vecta Design OÜ described in point 2.2 this classification report.
- PVC foil for stretch ceilings produced by Vecta Design OÜ described in point 2.2 this classification report mounted to substrates and elements with reaction to fire class A1 and A2 except plasterboards with minimum air gap between foil and substrate 40 mm.

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.

"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 attestation of conformity and CE marking under the Construction Products Directive.

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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APPROVED

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