

Tomasz Lubera, MA
Sworn Translator of English
Entered into the List of Sworn Translators kept by the Minister of Justice under number TP/3928/05
ul. Popiełuszki 8/120
35-328 Rzeszów, Poland
Mobile: (+48) 604 916 182

CERTIFIED TRANSLATION FROM POLISH

One page of the original document. This translation is based on a copy.

[/logo]

ITB @ quality in construction

Building Research Institute

Notified body No. 1488 | Member of EOTA | PCA Accreditation Certificates No.: AB 020, AC 020, AC 072, AP 113

FIRE RESEARCH DEPARTMENT | 02-656 Warszawa | ul. Ksawerów 21 |

Phone: 22 853 34 27 | Fax: 22 847 23 11 | fire@itb.pl | www.itb.pl

REACTION TO FIRE CLASSIFICATION
ACCORDING TO PN-EN 13501-1+A1:2010

Customer:	TUPLEX Sp. z o.o. ul. Księcia Ziemowita 19 03-778 Warszawa
Prepared by:	Fire Research Department of the Building Research Institute Ul. Filtrowa 1 00-611 Warszawa
Product name:	PVC fabric: Tu-Tent
Classification report No.	2018.5/12/Z00NP
Issue No.: 1	Copy No.: 1
Date of issue:	21.11.2012

This classification report consists of five pages and may be used or copied only in its entirety.

1. Introduction

This classification report specifies the classification given to a PVC fabric called **Tu-Tent** according to procedures given in PN-EN 13501-1+A1:2010.

2. Detailed information on the product under classification

2.1 General

PVC coated fabric, Tu-Tent, is dedicated for the following end-use applications: tents and roofing.

[first page footnote]

00-611 Warszawa | ul. Filtrowa 1 | phone 22 825 04 71 | fax 22 825 52 86 | Director phone 22 825 28 85 | 22 825 13 03 |
fax 22 825 77 30 | KRS No.: 0000 158785 | REGON No.: 000063650 | Tax ID: 525 000 93 58 | BPH S.A. O/Warszawa |
Al. Jerozolimskie 27 | 00-508 Warszawa | account No.: 87 1060 0076 0000 3210 0016 6236 | www.itb.pl

Classification report No. 2018.5/12/Z00NP

2/5

2.2 Description of product

The product is described below.

Description of product:
PVC coated fabric – **Tu-Tent**.
PVC coated polyester fabric.
Product weight: 650 (± 20) g/m².



3. Test reports and test results which are the basis for the classification

3.1 Test reports

Laboratory	Customer	Test report No.	Test method
ITB Fire Testing Laboratory	TUPLEX Sp. z o.o.	LPP06-2018/12/Z00NP	PN-EN ISO 11925-2:2010+AC:2011
		LPP05-2018/12/Z00NP	PN-EN 13823:2010

Classification report No. 2018.5/12/Z00NP

3/5

3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter – average value (m)	Conformity with parameter
PN-EN ISO 11925-2 Surface and edge exposure to flame Exposure: 30 s	Flame spread $F_s \leq 150$ mm	6	(-)	Y
	Burning droplets/particles		(-)	N
PN-EN-13823	FIGRA _{0.2MJ}	3	0.0	(-)
	FIGRA _{0.4MJ}		0.0	(-)
	LFS<edge		(-)	Y
	THR _{600s} [MJ]		0.5	(-)
	SMOGRAM ² /s ²]		35.2	(-)
	TSP _{600s} [m ²]		62.8	(-)
	Burning droplets/particles		(-)	N
(-): not applicable Y: YES N: NO				

4. Classification and scope of its use

4.1 Reference of classification

The classification has been specified in accordance with PN-EN 13501-1+A1:2010.

4.1 Classification

The classification of PVC fabric – Tu-Tent – for reaction to fire is:

B

Due to emission of smoke, the product's classification is:

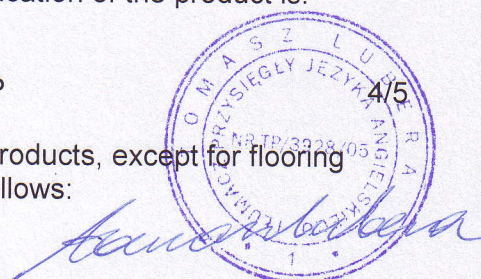
s2

Due to the presence of burning droplets/particles, additional classification of the product is:

d0

Classification report No. 2018.5/12/Z00NP

The format of classification as regards reaction to fire for building products, except for flooring materials and linear products for thermal insulation of wires is as follows:



Fire properties		Smoke emission		Burning droplets
B	-	s	2	d 0

i.e., B-s2,d0

Reaction to fire classification: B-s2,d0

This classification is valid for end use according to technical conditions to be met by buildings and their location, and for a product which is "non-flammable, non-dripping and non-combustible if affected by fire and which does not spread fire" according to the Regulation of the Minister of Infrastructure of 12 April 2002 (Journal of Laws, No. 75, item 690, as amended).

4.3 Scope of application

This classification applies to the following parameters specifying the product:

- description of product as per item 2.2,
- PVC coated fabric called Tu-Tent may be mounted on constructions with A1 or A2 class reaction to fire, directly or at any distance therefrom.

Classification report No. 2018.5/12/Z00NP

5/5

5. Restrictions

This classification remains valid until:

- the test method is changed,
- the product standard or the technical approval for the product is changed,
- the design and material changes exceed the scope of application specified in item 4.3.

This classification report was issued in two copies. The ITB Fire Research Department may issue certified copies only upon application of the report Owner.

This document is not a product approval classification or a certificate.

Signed

Mariusz Żołnik
[signature illegible]

Approved

[stamp]
Andrzej Kolbrecki, Doctor of Engineering
Deputy Manager, Fire Research Department
[signature illegible]

The document consists of 4,498 characters with spaces (4 pages).
I, Tomasz Lubera, MA, Sworn Translator of English do hereby certify that the foregoing translation truly and correctly corresponds with the contents of the document in Polish as presented to me.

Rep. No 104/2013
Rzeszów, 21 August 2013

