



Instytut techniki budowlanej

Scientific research | Development work | Accredited laboratory team

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CLASSIFICATION IN SCOPE REACTION TO FIRE ACCORDING PN-EN 13501-1:2019-02

Contract number: 00539/21/Z00NZP

Principal:	PTI Group Sp. Z o.o. Ul. Bystrzycka 26 54-215 Wrocław
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Product name:	Board system with the trade name TardeX
Classification report no.:	00539/21/Z00NZP
Issue number: 1	Copy nr. 1
Release date:	2020.04.01

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

1. Introduction

This classification report determines the classification of the terrace system with the trade name tardex in accordance with the procedures given in pn-en 13501-1:2019-02.

2. Detailed information about the classified product

Product used in building constructions.

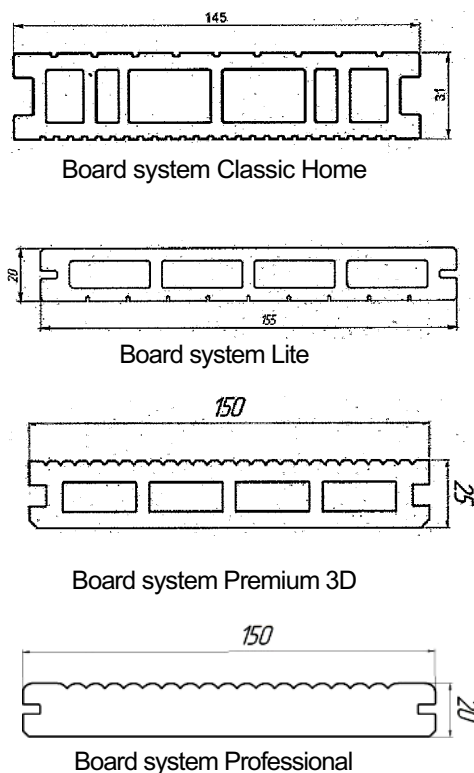
Product description

The product is described below.

Board system with the trade name TardeX.

The system consists of: Premium 3D board, Lite, Classic Home board, Professional board, Ultra/Vintage boards, reinforced joists, and stainless steel clips.

The boards are made of a same mixture of polyethylene, wood powder and pigments. Joist dimensions: 50 x 30 x 2200 mm.



Pict. no.1 Cross-selection of the total assortment of boards

3. Test reports and test results constituting the basis for classification

3.1 Test reports

Laboratorium name	Name of the payer	Test report no.	Test method
Laboratorium Badań Ogniwych ITB	PTI Group Sp. Z o.o.	LZP02- 00539/21/Z00NZZ	PN-EN ISO 11925-2:2020-09
		LZP01- 00539/21/Z00NZZ	PN-EN ISO 9239-1:20.10

3.2 Test results

Test Method	Parameter	Number of tests	Results	
			Continuous parameter - average value (m)	Compatibility with parameter
PN-EN ISO 11925-2:2020-09 exposure 15 s	Fs <150 mm	6	(—)	T
PN-EN ISO 9239-1:20.10	Critical stream (kw/m ²)	3	4,5	(—)
	Smoke production (% • min)	3	126,4	(—)

(—): not applicable

T: yes N: no

4 Classification and its scope of application

4.1 Appointment of classification

The classification was determined in accordance with PN-EN 13501-1:2019-02.

4.2 classification

The board system with the trade name TardeX has been classified in terms of reaction to fire:

C_{fi}

Due to the emission of smoke, the product has received an additional classification:

s1

The reaction to fire classification format for boards is as follows:

Fire properties		Emission of smoke	
C_{fi}	-	S	1

Service: **C_{fi}-s1**

Classification Reaction to fire: **C_{fi}-s1**

This classification is valid for end uses in accordance with the technical conditions to be met by buildings and their location and for 'flammable' construction in accordance with the regulation of the Minister of Infrastructure of April 12, 2002 (Journal of Laws No. 75, item 690, as amended). later changes).

4.3 Scope of application

This classification applies to the following parameters defining the product:

- Product description according to point 2,
- The board system with the trade name TardeX can be used on constructions for Euroclass A1 and A2.

5 Restrictions

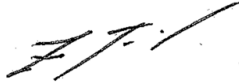
The assigned classification remains valid until:

- The test method will not be changed,
- The product standards or technical approval of the product will not be changed,
- Design and material changes do not go beyond the limits of the application area specified in point 4.3.

This classification report was issued in 3 copies (2 for the client, 1 in the archives of the fire testing facility, etc.). Certified copies may be issued by the ITB fire testing facility only at the request of the owner of the report.

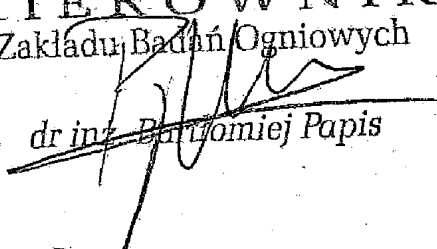
This classification document does not constitute an approval or certificate of the product.

Signed



Mariusz Zołnik

Accepted

KIEROWNIK
Zakładu Badań Ogniwych

dr inż. Bartłomiej Papis