

**REACTION TO FIRE CLASSIFICATION REPORT  
IN ACCORDANCE WITH PN-EN 13501-1:2019-02**

Contract no. 00951/25/Z00NZP

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<b>Product name:</b>	<b>The terrace system Legro</b>
<b>Classification report no.:</b>	<b>00951.2/25/Z00NZP-ENG</b> (English version of classification 00951.2/25/Z00NZP)
<b>Issue number:</b>	<b>1</b>
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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 terrace system Legro in accordance with the procedures given in PN-EN 13501-1:2019-02.

**2. Details of classified product****2.1 General**

The product is defined as a terrace system and floor covering system for indoor and outdoor use.

**2.2 Product description**

**2.3 The product, is described below.**

Terrace system Legro consisting of solid composite board, aluminum joists and additional elements.

Board composition %:

- 45% wood flour,
- 30% polyethylene,
- 5% talc, - 10% protective layer (high density polyethylene).
- 10% additives,

Thickness of plank: 23 mm

Aluminum joist dimensions: 40 x 25 mm and 40 x 50 mm.

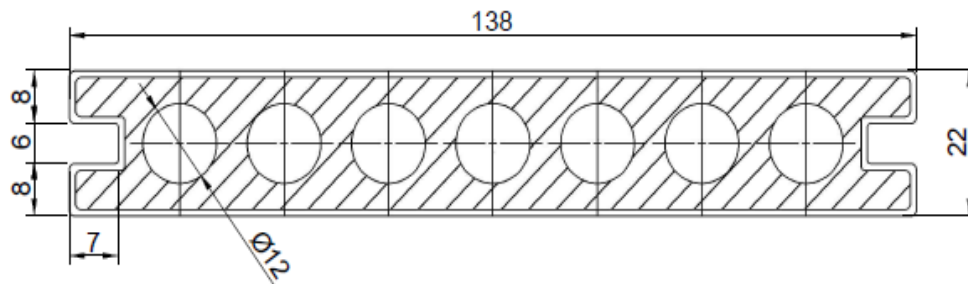


Fig. 1 Cross view of plank

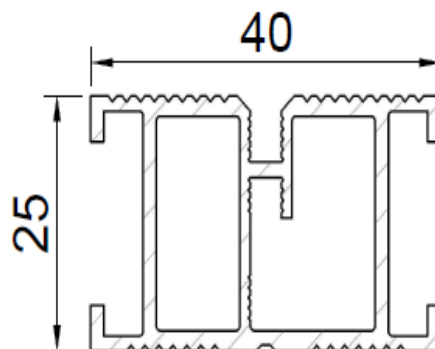


Fig. 2 cross view of an aluminum joist

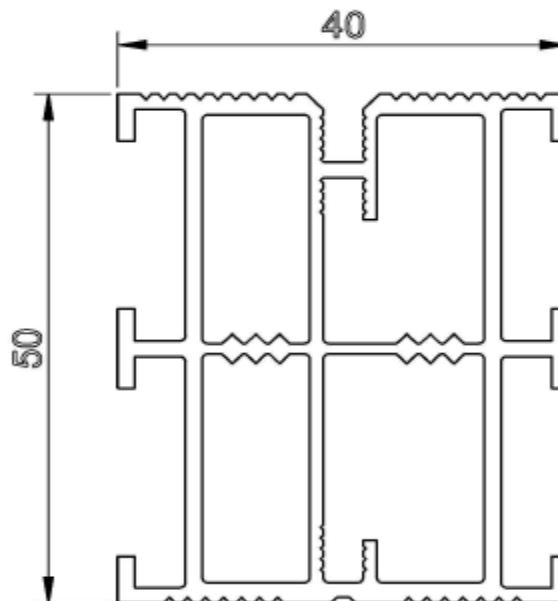
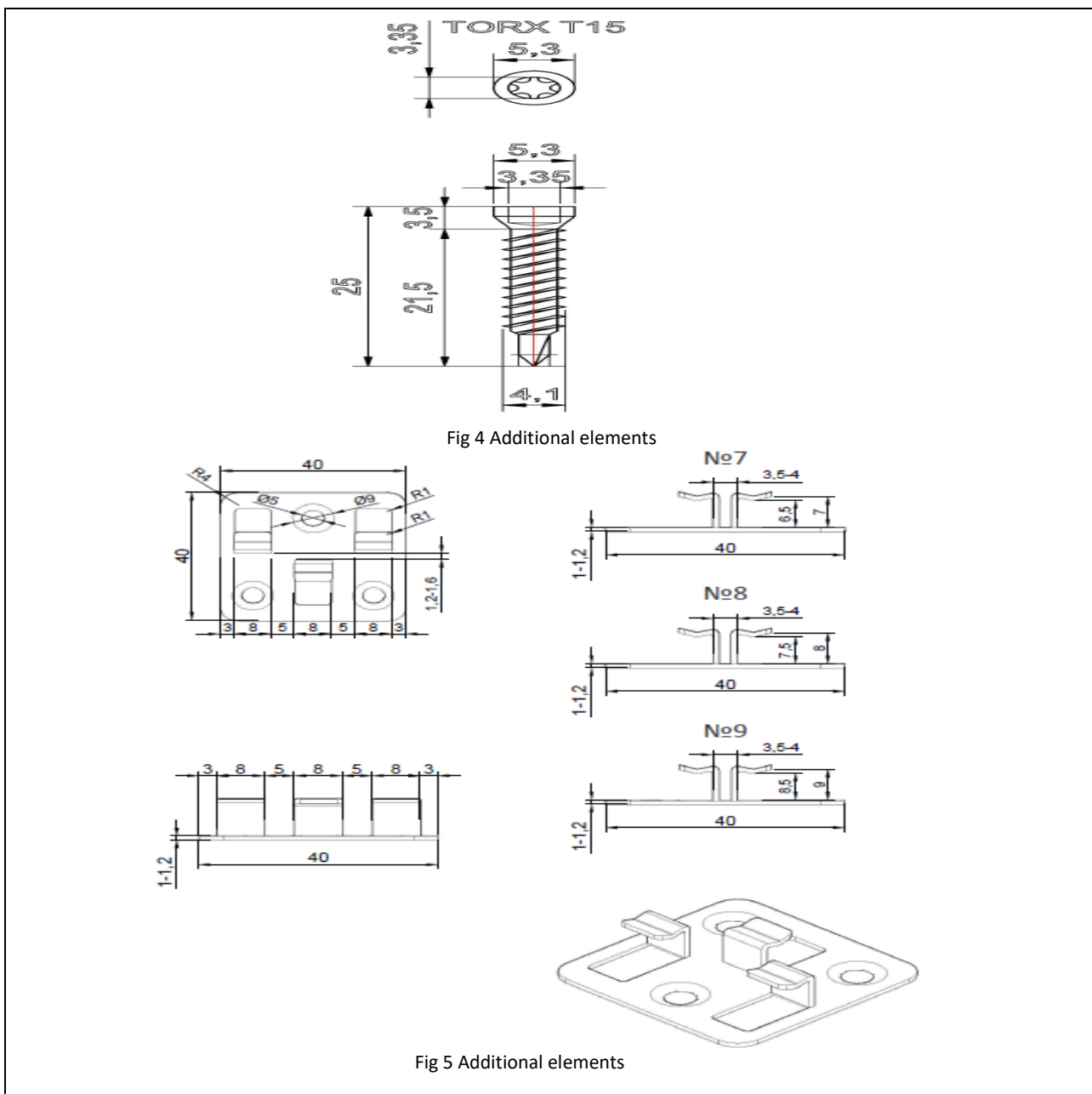


Fig.3 Cross view of an aluminum joist



### 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	WOODPLAST Sp. z o.o.	LZP02-02220/24/Z00NZZP	PN-EN ISO 11925-2:2020-09
		LZP01-02220/24/Z00NZZP	PN-EN ISO 9239-1:2010

#### 3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
PN-EN ISO 11925-2:2010 Exposure 15 s	$F_s \leq 150$ mm	6	(-)	Y
PN-EN ISO 9239-1:2010	Critical heat flux (kW/m <sup>2</sup> )	3	9,8	(-)
	Smoke production (%·min)		59,8	(-)

(-): 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 13501-1:2019-02.

### 4.2 Classification

Terrace system Legro, in relation to its reaction to fire behaviour are classified:

**B<sub>fl</sub>**

The additional classification in relation to smoke production is:

**s1**

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

Fire behaviour		Smoke production	
<b>B<sub>fl</sub></b>	-	<b>s</b>	<b>1</b>

i.e.: **B<sub>fl</sub>-s1**

**Reaction to fire classification: B<sub>fl</sub>-s1**

### 4.3 Field of application

This classification is valid for the following product parameters:

- Product described in point 2 this classification report
- Terrace system Legro. used on substrates with reaction to fire class A1 and A2 acc. to PN-EN 13501-1.

## 5 Limitation

The classification given above 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 document does not represent type approval or certification of the product.

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