



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

Contract no. 02039/18/Z00NZZ

<b>Sponsor:</b>	<b>Steico Sp. z o.o.</b> <b>ul. Przemysłowa 2</b> <b>64-700 Czarnków</b>
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<b>Product name:</b>	<b>Wood wool with trade name Steico Zell</b>
<b>Classification report No.:</b>	<b>02039.1/18/Z00NZZ-ENG</b>
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### 1. Introduction

This classification report defines the classification assigned to wood wool with trade name Steico Zell 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 wood wool with trade name Steico Zell used for thermal insulations in construction.

#### 2.2 Product description

The product, is described below.

Product description:

Density of wood wool with trade name Steico Zell: from 32 kg/m<sup>3</sup> to 40 kg/m<sup>3</sup> ± 15%.

Wood wool with trade name Steico Zell is produced in manufacturing site Steico Sp. z o.o. ul. Przemysłowa 2 64-700 Czarnków.

### 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	Steico Sp. z o.o.	LZP05-01398/18/Z00NZZ	PN-EN ISO 11925-2:2010
		LZP06-01398/18/Z00NZZ	
		LZP01-01398/18/Z00NZZ	PN-EN 13823+A1:2014
		LZP02-01398/18/Z00NZZ	

### 3.2 Test results

Test method	Parameter	Number of tests	Results	
			Continuous parameter – mean (m)	Compliance with parameters
PN-EN ISO 11925-2 +AC:2011 Surface and edge exposure exposure time 30 s	$F_s \leq 150$ mm	6	(-)	Y
	Flaming Droplets/particles		(-)	N
PN-EN ISO 11925-2+AC:2011 Surface and edge exposure exposure time 30 s	$F_s \leq 150$ mm	6	(-)	Y
	Flaming Droplets/particles		(-)	N
PN-EN 13823+A1:2014	FIGRA <sub>0,2MJ</sub>	3	72,1	(-)
	FIGRA <sub>0,4MJ</sub>		67,1	(-)
	LFS < edge		(-)	Y
	THR <sub>600s</sub> [MJ]		6,7	(-)
	SMOGRA [m <sup>2</sup> /s <sup>2</sup> ]		11,8	(-)
	TSP <sub>600s</sub> [m <sup>2</sup> ]		170,7	(-)
	Flaming Droplets/particles		(-)	N
PN-EN 13823+A1:2014	FIGRA <sub>0,2MJ</sub>		66,7	
	FIGRA <sub>0,4MJ</sub>		60,5	
	LFS < edge		(-)	
	THR <sub>600s</sub> [MJ]		6,1	
	SMOGRA [m <sup>2</sup> /s <sup>2</sup> ]		10,2	
	TSP <sub>600s</sub> [m <sup>2</sup> ]		152,5	
	Flaming Droplets/particles		(-)	

(-): 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 product, wood wool with trade name Steico Zell described in point 2 this classification report, 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>B</b>	-	<b>s</b>	<b>2</b>	,	<b>d</b>	<b>0</b>

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:

- Wood wool with trade name Steico zell described in point 2 this classification report.

This classification is valid for the following substrates, fixing and air gaps:

- Substrates with minimum reaction to fire class A2-s3,d0 and gypsum plaster boards.

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

**SIGNED**



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**APPROVED**

ACTING HEAD  
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