

**No. 16/2022/PPE/1439/B**

**EDITION 1**

replaces certificate no. IPS-1439-17/2021

According EU type-examination (module B)

it is confirmed that the PPE type is intended to protect against the risk of category III

**Footwear for firefighters: ZERTIX 01-110428A**

**ZERTIX 01-110729; ZERTIX 01-111729**

produced by

**PROTEKTOR Spółka Akcyjna**

**ul. Vetterów 24a-24b**

**20-277 Lublin**

satisfies the applicable essential health and safety requirements in accordance with Annex II Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC and the harmonised standard EN 15090:2012 (PN-EN 15090:2012)

**Category of footwear:**

**ZERTIX 01-110428A: F2A HI<sub>3</sub> CI SRC**

**ZERTIX 01-110729: F2A HI<sub>3</sub> CI AN SRC**

**ZERTIX 01-111729: F2A HI<sub>3</sub> CI AN SRC**

The attachments No. Z1/17/2022/PPE/1439/B and Z2/16/2022/PPE/1439/B are integral part of EU type-examination certificate. The information laid down in the attachments are the basis for the issuance of the present certificate.

The manufacturer or the authorised representative shall inform NB 1439 of all modifications to the approved type and all modifications of the technical documentation that may affect the conformity of the PPE with the applicable health and safety requirements or the conditions of validity of the certificate.

The certificate shall only be used in conjunction with one of the conformity assessment procedures: module C2 or module D.

**The certification was granted on 30 May, 2022**

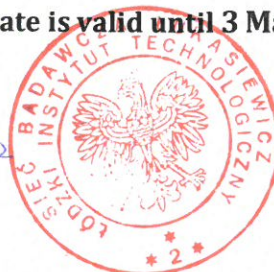
**The certificate is valid until 3 March, 2026**

*Head of Department of Leather Products Certification*

*Director of Łukasiewicz – Lodz Institute of Technology*



*Agnieszka Pietrzak, MSc Eng.*



*Radosław Dziuba, PhD*

Lodz, 30 May, 2022

**NOTIFIED BODY No. 1439**

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tel. +48 42 30 70 901  
www.lit.lukasiewicz.gov.pl

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91-462 Łódź, POLAND  
ul. Zgierska 73  
tel.: +48 42 25 36 128  
e-mail: iso@lit.lukasiewicz.gov.pl

**1. Description of the personal protective equipment**

PPE	<b>footwear for firefighters</b>	
Type identification	<b>ZERTIX 01-110428A</b>	
Size	<b>36÷50 (French size) (half sizes shall be taken into account)</b>	
Colour	- upper	<b>black</b>
	- outsole	<b>navy blue</b>
Mounting system	<b>glued</b>	
Design	<b>C - half-knee boot</b> according to the EN ISO 20345:2012, 5.2	
Classification	<b>I</b> - according to EN 15090:2012, table 1	
Risk category	<b>III</b> - according to Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC – Annex I	

**2. Photo of the personal protective equipment**

ZERTIX 01-110428A	RUBBER OUTSOLE HEATPROOF STRAŽAK
	

**3. Characteristic of the personal protective equipment**

USED MATERIALS	
Vamp, quarter, belts, inserts	heatproof waterproof cattle leather
Inner and outer tongue, collar	heatproof pigskin leather
Vamp and quarter lining	membrane
Collar lining	pigskin leather
Counter lining	cattle split
Insock	carbon insock or profiled ESD
Zipper	metallic
Laces	heatproof
Toe protection	steel
Insole I	anti-penetration fabric
Insole II (insole backer)	non-woven fabric
Outsole	heatproof rubber
Information on the used materials is included in the manufacturer's technical documentation	



**PROTECTIVE PROPERTIES**

**Footwear for firefighters ZERTIX 01-110428A** is intended for use for all fire suppression and rescue interventions where protection against penetration, and toe protection are needed, no protection against chemical hazards. Footwear meets all normative requirements and to the appropriate additional requirements of the EN 15090:2012 standard:

**F2A** – all normative requirements and the requirements for antistatic properties,

**CI** – cold insulation of sole complex

**HI<sub>3</sub>** – insulation against heat – level 3,

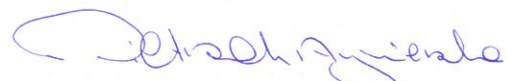
**SRC** – slip resistance on ceramic tile floor with NaLS and on steel floor with glycerine.

**The lining used in footwear has increased abrasion resistance up to 350 000 cycles when dry and 50 000 cycles when wet.**

**4. Basic of the conformity assessment**

<b>REGULATION</b>		
Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC		
<b>STANDARDS AND TECHNICAL SPECIFICATION</b>		
<i>EN 15090:2012 Footwear for firefighters</i>		
<i>EN ISO 20345:2012 Personal protective equipment – Safety footwear</i>		
<i>EN ISO 20344:2012 Personal protective equipment. Test methods for footwear</i>		
<b>TESTS AND CERTIFICATES</b>		
Document No.	Date	Identification of the institution issuing the document
98/2017/LO	12.06.2017	Footwear Laboratory; Sieć Badawcza Łukasiewicz - Instytut Przemysłu Skórzanego; Lodz; Poland
10a/2018/LO	12.02.2018	
155/2020/LO	07.09.2020	
243/2020/LO	13.01.2021	
126/2021/LO	25.08.2021	
179/2021/LO	10.11.2021	
184/2015/LG	13.07.2015	Tanning Laboratory; Sieć Badawcza Łukasiewicz - Instytut Przemysłu Skórzanego; Lodz; Poland
235/2015/LG	07.10.2015	
301/2015/LG	17.12.2015	
20/2017/LG	06.02.2017	
337/2017/LG	16.11.2017	
28/2018/LG	01.02.2018	
496/2018/LG	12.12.2018	
486/2019/LG	02.08.2019	
374/PB/2017/NO	07.07.2017	Department of Personal Protective Equipment; Laboratory of Hand and Foot Protection; CIOP-PIB; Warsaw, Poland
5/PB/2021/NO	12.01.2021	
60186838 005	17.08.2018	TÜV Rheinland; Leipzig; Germany
RP 2017/2806-1-RP-3	07.12.2017	CIMAC; Milano; Italia
RP 2018/1609-1-RP	24.01.2018	
SE-06287	13.07.2021	CTCR; Arnedo (La Rioja); Spain
<b>TECHNICAL DOCUMENTATION ATTACHED TO THE APPLICATION FOR THE EU TYPE-EXAMINATION</b>		

Lodz, 30 May, 2022



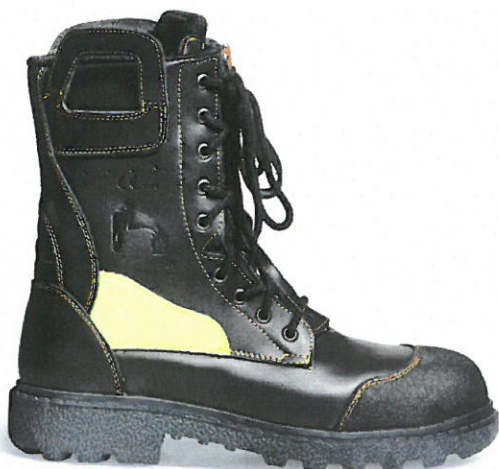
M. Sc. Eng. Agnieszka Pietrzak

1. Description of the personal protective equipment

PPE	<b>footwear for firefighters</b>	
Type identification	<b>ZERTIX 01-110729</b>	<b>ZERTIX 01-111729</b>
Size	<b>36÷50 (French size) (half sizes shall be taken into account)</b>	
Colour	- upper	<b>black</b>
	- outsole	<b>navy blue</b>
Mounting system	<b>glued</b>	
Design	<b>C - half-knee boot</b> according to the EN ISO 20345:2012, 5.2	
Classification	<b>I</b> - according to EN 15090:2012, table 1	
Risk category	<b>III</b> - according to Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC - Annex I	

2. Photo of the personal protective equipment

ZERTIX 01-110729



ZERTIX 01-111729



RUBBER OUTSOLE HEATPROOF STRAŽAK





### 3. Characteristic of the personal protective equipment

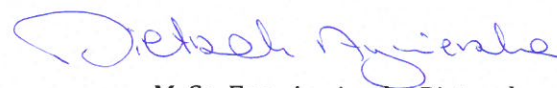
USED MATERIALS	
Vamp, quarter, upper tongue, counter, belts	heatproof waterproof cattle leather
Laces protection	heatproof waterproof cattle leather
Scuff cup	heatproof cattle split
Inner and outer tongue, pad	heatproof pigskin leather
Tongue insert tongue and tongue insert lining	distance knit
Vamp and quarter lining	membrane
Counter lining	lining materials
Insock	carbon insock or profiled ESD
Insole I	anti-penetration fabric
Insole II (insole backer)	non-woven fabric
Zipper	metallic
Laces	heatproof
Toe protection	steel
Outsole	heatproof rubber
Information on the used materials is included in the manufacturer's technical documentation	
PROTECTIVE PROPERTIES	
<p><b>Footwear for firefighters ZERTIX 01-110729, ZERTIX 01-111729</b> is intended for use for all fire suppression and rescue interventions where protection against penetration, and toe protection are needed, no protection against chemical hazards. Footwear meets all normative requirements and to the appropriate additional requirements of the EN 15090:2012 standard:</p> <p><b>F2A</b> – all normative requirements and the requirements for antistatic properties,  <b>CI</b> – cold insulation of sole complex,  <b>AN</b> – ankle protection  <b>HI<sub>3</sub></b> – insulation against heat – level 3,  <b>SRC</b> – slip resistance on ceramic tile floor with NaLS and on steel floor with glycerine.</p> <p><b>The lining used in footwear has increased abrasion resistance up to 350 000 cycles when dry and 50 000 cycles when wet.</b></p>	

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184/2015/LG	13.07.2015	Tanning Laboratory; Sieć Badawcza Łukasiewicz - Instytut Przemysłu Skórzanego; Lodz; Poland
235/2015/LG	07.10.2015	
301/2015/LG	17.12.2015	
170/2016/LG	20.06.2016	
20/2017/LG	06.02.2017	
337/2017/LG	16.11.2017	
381/2017/LG	28.12.2017	
28/2018/LG	01.02.2018	
496/2018/LG	12.12.2018	
750/2019/LG	05.12.2019	
195/2021/LG	23.07.2021	
LBŚ/93/G/13	02.04.2013	Products, Processes and Environment Laboratory; Sieć Badawcza Łukasiewicz - Instytut Przemysłu Skórzanego; Lodz; Poland
376/PB/2021/NO	06.05.2021	Department of Personal Protective Equipment; Laboratory of Hand and Foot Protection; CIOP-PIB; Warsaw, Poland
5/PB/2021/NO	12.01.2021	
60186838 005	17.08.2018	TÜV Rheinland; Leipzig; Germany
RP 2017/2806-1-RP-3	07.12.2017	CIMAC; Milano; Italia
RP 2018/1609-1-RP	24.01.2018	
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