

EU TYPE EXAMINATION CERTIFICATE**Certificate No: 2163-PPE-2436****DDK İŞ GÜVENLİK BİRİMİ EKİPMANLARI TEKSTİL EĞİTİM İNŞAAT TAAHHÜT
TİCARET ve SANAYİ LİMİTED ŞİRKETİ**

Fevziçakmak Mahallesi 10637. Sokak. No:23, 42050 Karatay Konya, Türkiye

It is certified that the manufacturer's technical file (Dated 19.08.2024) and the PPE product, detailed below, have been assessed and found to meet the applicable Essential Health and Safety Requirements in Annex II of Regulation (EU) 2016/425 based on the evaluation on technical documentation and relevant test reports.

Identification of the Personal Protective Equipment

| | |
|-------------------------|---|
| Product Identification | : Safety Footwear |
| Outsole Structure | : Moulded |
| Outsole | : PU |
| Upper | : PU |
| Toecap | : Metallic Toecap |
| Size | : EUR 36 - 49 |
| Class | : Class II |
| Brand Name | : DDK |
| Type/Model | : Troya Boots S4, PU0154405 (Design C), PU015440 (Design D) |
| Variants | : Upper Colour (Khaki, White, Red, Orange, Black, Yellow, Navy Blue), Sole Colour (Black, Navy Blue) |
| Category | : S4 |
| Additional Requirements | : SR, CI, FO |
| PPE Category | : II |

Details are provided in annex 2163-PPE-2436-1 of this certificate.

The following harmonised standard have been applied:**EN ISO 20345:2022 Personal Protective Equipment - Safety Footwear**

Here by the manufacturer is allowed to fix CE mark on the Category II product models given above, with the below requirements under responsibility of the manufacturer;

- Issuing an appropriate EU Declaration of Conformity according to **Personal Protective Equipment Regulation (EU) 2016/425 Annex 9**.
- Ongoing successful performance in fulfilment of the requirements set out in **Personal Protective Equipment Regulation (EU) 2016/425** and harmonised standards, according to **Annex 6 (Module C)** of the regulation

This certificate is initially issued on **20.08.2024** and will be valid for 5 years from the initial issue date, if there is no change in the design of the product, relevant harmonised standards and regulation.



Suat KAÇMAZ

UNIVERSAL CERTIFICATION

Director



UNIVERSALCERT.COM

UNIVERSAL SERTİFİKASYON UYGUNLUK DEĞERLENDİRME A.Ş.

Tatlısu Mahallesi Arif Ay Sokak No:16 Ümraniye, İstanbul Tel: +90 216 455 80 80

Bu belge standart ve yasal şartlarda herhangi bir yasal değişiklik olmaması durumunda ve her yıl yapılacak gözetim ve denetimlerine bağlı olarak gözetim ve denetimlerini takiben belge numarası değişmeksizin yayın tarihi güncellenerek yeniden düzenlenecektir. This certificate will be in the absence of any changes in standard and legal terms, and with the surveillance audits to be conducted annually following the surveillance audits, updating the publication date without changing the certificate number.



Annex 2163-PPE-2436-1

PRODUCT PHOTOS



UPPER (PU)

Height: Min Design C: 162 mm, Design D: 255mm
Thickness: Min 1 mm
Tensile properties: Modulus at 100 % elongation, Min 1 N/mm²
 Elongation at break, Min 250%
Flexing resistance: no cracking before 150 000 flex cycles
Resistance to hydrolysis: no cracking before 150 000 flex cycles

INSOCK (Textile coated PU)

Abrasion Resistance: No holes before, Dry Min 25600, Wet Min 12800 cycles
Water Absorption: Min 70 mg/cm²,
Water Desorption: Min 80%
Thickness: Min 2 mm

OUTSOLE (PU - Density: > 0.9g/cm³)

Thickness: Outsole without cleats, min 3 mm
Cleat Height: Min 4 mm
Tear Strength: Min 8 kN/m
Abrasion Resistance: Max 150 mm³
Flexing Resistance: Max 4 mm cut growth before 30,000 cycles
Hydrolysis: Max 6mm cut growth before 150,000 cycles
Slip resistance on ceramic with NaLS solution: forward heel slip \geq 0,31 - backward forepart slip \geq 0,36
Upper/outsole bond strength: Min 4 N/mm
Electrical properties (Antistatic): Min 100 k Ω , Max 1000 M Ω
Energy absorption of seat region: Min 20 J
Toecap Impact Resistance: 200 J
Toecap Compression Resistance: 15 kN

ADDITIONAL REQUIREMENTS

Slip resistance on ceramic tile floor with glycerine (SR):
 forward heel slip \geq 0,19 - backward forepart slip \geq 0,22
Insulation against cold (CI): Max 10 °C
Resistance to Fuel Oil (FO): Max increase in volume 12%

MARKING



CE EN ISO 20345 : 2022 S4 SR CI FO
www.ddkisguvenligi.com.tr

Cedit Ali Paşa Mah. Seymen Yolu Cad. No:9/1
 Marmaraeğlisi - Tekirdağ TURKEY



Suat KAÇMAZ
 UNIVERSAL CERTIFICATION
 Director



UNIVERSALCERT.COM

UNIVERSAL SERTİFİKASYON UYGUNLUK DEĞERLENDİRME A.Ş.
 Tattisu Mahallesi Arif Ay Sokak No:16 Ümraniye, İstanbul Tel: +90 216 455 80 80

Bu belge standart ve yasal şartlarda herhangi bir yasal değişiklik olmaması durumunda ve her yıl yapılacak gözetim ve denetimlerine bağlı olarak gözetim ve denetimlerini takiben belge numarası değişimsizdir yayın tarihi güncellenerek yeniden düzenlenecektir. This certificate will be in the absence of any changes in standard and legal terms, and with the surveillance audits to be conducted annually following the surveillance audits, updating the publication date without changing the certificate number.

