



Area of use*



Technical features

Safety boots.

Upper: PVC and nitrile.

Lining: viscose.

Toe cap: composite shockproof 200J.

Pierce resistant midsole: steel.

Sole: PVC and nitrile.

Colour: green and black.

Sizes: 37 to 47.

Packaging: carton of 6 pairs.

Subpackaging: individual polybag.

Weight: 1100 g (Approximative weight of a shoe, size 42).

Advantages

High resistance thanks to composite toe cap and steel pierce resistant midsole.

Flexible and resistant thanks to the material of the upper (PVC and nitrile).

Completely sealed to work in wet environments.



Certification

This product complies with **European Regulation (EU) 2016/425** on Personal Protective Equipment (PPE). **Category II**. Issued by **Łukasiewicz**, notified body n°1439.

EN ISO 20345 : 2011 (S5 SRC)



Download the EU declaration of conformity on <http://docs.singer.fr>

STANDARDS

| | |
|--------------|---|
| EN ISO 20344 | Personal protective equipment: Test methods for footwear. |
| EN ISO 20345 | Safety footwear: Toe protection against shocks (200 J) and the risks of flattening (15 kN). |
| EN ISO 20346 | Protective shoes: Toe protection against shocks (100 J) and the risks of flattening (10 kN). |
| EN ISO 20347 | Occupational footwear: No specification about toe protection. |

SLIP RESISTANCE

| | |
|-----|---------------------------------|
| SRA | On ceramic tile floor with SLS. |
| SRB | On steel floor with glycerol. |
| SRC | SRA + SRB |

EN ISO 20345 - OPTIONAL REQUIREMENTS

| | |
|-----|--|
| E | Heel energy absorption |
| P | Anti-puncture sole |
| CR | Cut resistance of the upper |
| M | Metatarsal protection |
| C | Conductive sole |
| A | Antistatic footwear |
| HI | Insulation against heat |
| CI | Insulation against cold |
| HRO | Heat resistant outsole compound |
| WRU | Water penetration and water absorption resistance of the upper |
| WR | Water resistance of the whole footwear |
| I | Insulating shoes |
| AN | Malleoli protection |

USED MATERIAL CLASS

| | |
|----------|---|
| Class I | All leather and other materials (except for all rubber or all polymer) |
| Class II | All rubber (fully vulcanised) or all polymer (fully moulded). |

EN 61340-4-3 - ELECTROSTATIC

Shoes that cover this standard are «dissipative». This standard defines the shoes that protect electronic equipment against an electrostatic discharge.
Electrical resistance: $< 1 \Omega \times 10^9$. Antistatic shoes are not necessarily ESD.

EN ISO 20345 - SHOES CLASS

| | | |
|----|----------------|--|
| SB | Classe I ou II | Basic properties |
| S1 | Classe I | Basic properties + Closed backpart + Antistatic properties + Energy absorption of the heel + Resistance to fuel oil |
| S2 | Classe I | Basic properties + Closed backpart + Antistatic properties + Energy absorption of the heel + Resistance to fuel oil + Water penetration resistance + Water absorption resistance |
| S3 | Classe I | Basic properties + Closed backpart + Antistatic properties + Energy absorption of the heel + Resistance to fuel oil + Water penetration resistance + Water absorption resistance + Anti-puncture sole + Studded sole |
| S4 | Classe II | Basic properties + Closed backpart + Antistatic properties + Energy absorption of the heel + Resistance to fuel oil |
| S5 | Classe II | Basic properties + Closed backpart + Antistatic properties + Energy absorption of the heel + Resistance to fuel oil + Anti-puncture sole + Studded sole |

ADVANTAGES

| | |
|---|--|
|  | Slip resistance |
|  | Studded sole |
|  | Resistance to fuel oil |
|  | Antistatic properties |
|  | Shockproof composite toe cap (200J) |
|  | Shockproof steel toe cap (200J) |
|  | Antiperforation high tenacity textile sole (1100N) |
|  | Antiperforation steel sole (1100N) |
|  | Water penetration resistance |
|  | Energy absorption of the heel |