

TECHNICAL DATA SHEET

MICK black-red Low ESD S2 No. 723850

Sz. 40 - 48



LABELLING ACCORDING TO STANDARD

Standard for safety footwear EN ISO 20345:2022 S2	Basic requirement for S2: A Antistatic shoe - E Energy absorption in the heel - WPA Water penetration and absorption - Closed heel area
Additional requirements	FO FUEL RESISTANCE SR Slip resistance on ceramic tile with glycerine. SC SCUFF CAP The overcap manages a certain amount of abrasion. LG LADDER GRIP Heel edge of at least 10 mm

FORM

Safety shoe 	Form A - in size 42, the upper height must not exceed 11.2 cm.
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AREAS OF APPLICATION

Areas of application	Indoors and outdoors Areas where exposure to moisture is expected (S2) Areas where there is a risk of electrostatic discharge (ESDS/ESD)
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FEATURES

ESD equipment	Thanks to its excellent discharge capability, the shoe is suitable for work in ESD sensitive or electrostatically protected areas (EPA). The shoes comply to the standard 61340-5-1.	
Certification in accordance with DGUV rule 112-191	<ul style="list-style-type: none"> Certified for orthopaedic inserts 	

FEATURES

Padded upper edge	<ul style="list-style-type: none"> Excellent wearing comfort: the padded upper edge protects the Achilles tendon.
Full, padded bellows tongue	<ul style="list-style-type: none"> Excellent wearing comfort: The tongue prevents pressure marks and avoids dirt from entering into the shoe.
Reflective material	<ul style="list-style-type: none"> Good visibility in the dark 
PU scuff cap (polyurethane)	<ul style="list-style-type: none"> Directly applied tip protection Excellent wear protection in the shoe tip area Protects the upper material in this area against premature wear


UPPER MATERIAL

Hydrophobized suede	<ul style="list-style-type: none"> Areas of application S2/S3/S3S Natural material Breathable Water penetration/absorption in accordance with EN ISO 20345 S2 By hydrophobation, higher resistance against water penetration and water absorption
Textile material	<ul style="list-style-type: none"> Areas of application S1 Synthetic material Retains its shape Tear-resistant Quick drying Abrasion resistant and light

LINING

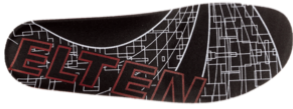
Breathable fabric lining	<ul style="list-style-type: none"> Climate-regulating Good ventilation Skin-friendly High absorption and emission of moisture
Heel pocket lining	<ul style="list-style-type: none"> The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort.

TOE PROTECTION CAP

Steel toe cap 	<ul style="list-style-type: none"> Protection against impacts of min. 200 joules and pressure loading of min. 15 kN Permanent edge coverage for cushioning Ergonomically shaped Comfortable toe room Good coverage of the little toe area
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INLAY SOLE

Full-length inlay sole
ESD PRO



- ESD EQUIPMENT: Protection against electrostatic discharge (ESD). The full-length, exchangeable inlay sole is conductive and designed for the use in ESD safety footwear according to the standards DIN EN ISO 20345 and DIN EN 61340-5-1.
- The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.
- The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.
- The extreme softness of the PU foam absorbs shocks on impact and increases walking comfort.
- Improvement of the shoe climate thanks to the PU foam's open cell structure. So the foot is always kept comfortably dry.

INSOLE

ESD soft-fleece insole

ESD equipment: Protection against electrostatic discharge (ESD), and without using additional means fulfilling a bridge function to the outsole.

- Approximately 50 % lighter than comparable soles made of natural materials
- Flexible and shape-retaining
- Good air permeability
- Excellent wear resistance
- High moisture absorption
- Quick drying (virtually overnight)

OUTSOLE

CROSSWORKER double-density sole with profile



- Excellent slip resistance
- Antistatic

Outsole: PU (polyurethane)

- Colour: black
- Profile depth: 5.0 mm
- Particularly abrasion-resistant
- Heat-resistant to approx. 130°C
- Flexible at cold temperatures to approx. -20°C
- Oil and fuel resistant
- Excellent grip on ladders thanks to heel edge

Midsole: PU (polyurethane)

- The soft PU core provides a good impact absorption and high wearing comfort