TECHNICAL DATA SHEET

EURO PROOF F2A No. 89211 — Sz. 36 - 48

LABELLING ACCORDING TO STANDARD

Standard for firefighting boots DIN EN 15090	**Type 2**: all kinds of firefighting and rescue activities, where penetration protection and toe protection is needed. **Subcategory F2A:** Basic shoe for type 2 + antistatic
Additional requirements	**SRC** Slip resistance: Slip resistant on floors of ceramic tiles with a sodium lauryl sulfate (SLS) solution and on steel floors with glycerol. When it comes to slip resistance as defined by EN ISO 20345, SRC signifies the best possible rating a safety shoe can reach. **HI_3** HEAT INSULATED To max. 250 °C for 40 minutes **HRO** HEAT RESISTANT OUTSOLE Heat resistance against contact heat, also during short-term high temperatures **CI** COLD INSULATED

FORM

Fire-fighting boot 	Form C - in size 42, the upper height must be at least 17.8 cm.

AREAS OF APPLICATION

Areas of application	Outdoor areas Suitable for areas with particularly high safety requirements, preferably for fire service operations Areas with severe effects of heat

FEATURES	
Sizes (unisex model)	• Expanded size range: available in sizes 36 - 48
Certification in accordance with DGUV rule 112-191	• Certified for orthopaedic inserts
Full, padded bellows tongue	• Excellent wearing comfort: The tongue prevents pressure marks and avoids dirt from entering into the shoe.
Collar padding	• Excellent wearing comfort: the ankle-wrapping, softly padded upper edge provides for stability and grip in the shoe.
Ankle padding	Excellent wearing comfort: the ankle-wrapping padding provides for stability and firm grip and prevents pressure marks.
Donning loops	• Quicker into the boot: Loops make it easier to put the boots on.
Heel strap	• Allows the boots to be put on quickly
Combination of lacing and zipper	• Allows the boots to be put on and taken off quickly • Boots can be laced individually
Heat-resistant laces and seams	Best possible protection against flames, heat and chemicals. Cleaning does not affect the heat resistance.
Abrasion-resistant toe protection	• Directly applied to the upper in the shoe tip area • Excellent wear protection in the shoe tip area • Protects the upper in this critical area against premature wear
UPPER MATERIAL	
Cowhide leather - fire-resistant	• Areas of application S2/S3 • Natural material • Wear-resistant • Breathable • Water penetration/absorption in accordance with EN ISO 20345 S2
LINING	
Leather lining	• High tear resistance • Breathable • Natural material
Heel pocket lining	• The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort.
TOE PROTECTION CAP	
Steel toe cap 	• 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

INLAY SOLE

Full-length inlay sole

- 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.
- Antistatic

INSOLE

Antistatic soft-fleece insole

Antistatic, even if 100 % dry, 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)

PENETRATION RESISTANCE

Steel midsole

Best possible protection from below: The corrosion-resistant midsole made of stainless steel complies with the penetration safety standard EN 12568 and furthermore fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345. Particularly recommendable when working in areas where there is an increased risk of injuries due to pointed or sharp objects, such as in the construction industry.

OUTSOLE

POWER deep-treaded double-density sole with profile

- Excellent slip resistance
- Antistatic

Outsole: Rubber

- Colour: black
- Profile depth: 6.0 mm
- Particularly abrasion-resistant
- Heat-resistant to approx. 200°C, for short periods to 300°C
- Flexible at cold temperatures to approx. -20°C
- Oil and fuel resistant
- Resistant to a large number of chemicals (acids and alkalis)
- Notch-resistant

Midsole: PU (polyurethane)

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