TECHNICAL DATA SHEET

CLAY F2A No. 89601

Sz. 38 - 50









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.

 \boldsymbol{HI}_3 HEAT INSULATED

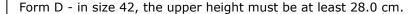
To max. 250 °C for 40 minutes

HRO HEAT RESISTANT OUTSOLE

Heat resistance against contact heat, also during short-term high temperatures

FORM

Fire-fighting pull-on boot





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 38 - 50

FEATURES	
Certification in accordance with DGUV rule 112-191	Certified for orthopaedic inserts
Ankle padding	Excellent wearing comfort: the ankle-wrapping padding provides for stability and firm grip and prevents pressure marks.
Reflective material	Good visibility in the dark
Heel loop	Quicker into the shoe: The heel loop makes it easier to get inside the shoe
High boot without laces or zippers	Quick getting in and out
Heel strap	Allows the boots to be put on quickly
Seams made of heat- resistant Nomex® thread	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
Winner Plus X Award	The independent jury for the Plus X Award, the Innovation Prize for Technology, Spot, and Lifestyle, grants a total of seven seals of approval to brands that offer products with a competitive edge in terms of quality and innovation. ELTEN has always seen itself as an innovative business at the cutting edge of technology.
Flex zone	soft flex zones for greater flexibility
Integrated name badge	The boot has a badge that can be individually labelled. This prevents any mix- ups.
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	
Breathable fabric lining	 Climate-regulating Good ventilation Skin-friendly High absorption and emission of moisture
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 FIREFIGHTERS Level 2



- Full inlay sole in three different heights to optimise the fit
- Level 1: Noticeably more comfort for sturdy feet
- · Level 2: Provides comfortable cushioning for moderately sturdy feet
- Level 3: Effective shock absorption and increased grip for slim feet
- The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.
- Improvement of the shoe climate thanks to the PU foam's open cell structure. So the foot is always kept comfortably dry.
- The extreme softness of the PU foam absorbs shocks on impact and increases walking comfort.
- The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.

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

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

• Excellent grip on ladders thanks to the straight heel edge

Midsole: PU (polyurethane)

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

