

TECHNICAL DATA SHEET

CLAY ESD F2A No. 89601


Sz. 38 - 50



LABELLING ACCORDING TO STANDARD





<p>Standard for fire-fighting boots DIN EN 15090</p>	<p>Type 2: all kinds of fire-fighting and rescue activities, where penetration protection and toe protection is needed.</p> <p>Subcategory F2A: Basic shoe for type 2 + antistatic</p>
<p>Additional requirements</p>	<p>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.</p> <p>HI₃ HEAT INSULATED To max. 250 °C for 40 minutes</p> <p>HRO HEAT RESISTANT OUTSOLE Heat resistance against contact heat, also during short-term high temperatures</p>

FORM

<p>Fire-fighting pull-on boot</p> 	<p>Form D - in size 42, the upper height must be at least 28.0 cm.</p>
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AREAS OF APPLICATION

<p>Areas of application</p>	<p>Outdoor areas Suitable for areas with particularly high safety requirements, preferably for fire service operations Areas with severe effects of heat Areas where there is a risk of electrostatic discharge (ESDS/ESD)</p>
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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.	
Sizes (unisex model)	<ul style="list-style-type: none"> Expanded size range: available in sizes 38 - 50 	
Certification in accordance with DGUV rule 112-191	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Good visibility in the dark 	
Heel loop	<ul style="list-style-type: none"> Quicker into the shoe: The heel loop makes it easier to get inside the shoe 	
High boot without laces or zippers	<ul style="list-style-type: none"> Quick getting in and out 	
Heel strap	<ul style="list-style-type: none"> Allows the boots to be put on quickly 	
Seams made of heat-resistant Nomex® thread	<ul style="list-style-type: none"> Best possible protection against flames, heat and chemicals. Cleaning does not affect the heat resistance. 	
Abrasion-resistant toe protection	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Areas of application S2/S3 Natural material Wear-resistant Breathable Water penetration/absorption in accordance with EN ISO 20345 S2 	
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



- 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