# TECHNICAL DATA SHEET

### **ALEX S2 No. 16520**

Sz. 36 - 48











### **LABELLING ACCORDING TO STANDARD**

Standard for safety footwear EN ISO 20345 S2 Basic requirement for S2:

A Antistatic shoe - E Energy absorption in the heel - FO Fuel resistance - WRU Water penetration and water absorption resistant upper - Closed heel area

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.

#### **FORM**

Safety laced boot



Form B - in size 42, the upper height must be at least 11.3 cm.

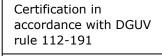
#### **AREAS OF APPLICATION**

Areas of application Indoors and outdoors

Areas where exposure to moisture is expected (S2)

# FEATURES

• Expanded size range: available in sizes 36 - 48



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.



#### **FEATURES** PU toe protection · Directly applied tip protection (polyurethane) Excellent wear protection in the shoe tip area Protects the upper material in this area against premature wear **UPPER MATERIAL** Cowhide leather · Areas of application S1/S2/S3 Natural material Wear-resistant Breathable Water penetration/absorption in accordance with EN ISO 20345 S2 Textile material Cordura® Areas of application S2/S3 (hydrophobized) Synthetic material CORDURA Particularly resistant to wear and tear Retains its shape Tear-resistant Dries quickly Abrasion-resistant and light Water penetration and absorption in accordance with EN ISO 20345 S2; an improved resistance against water penetration is achieved by a special hydrophobation of the material 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 The full-length, exchangeable inlay sole provides the highest possible JORI 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)

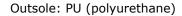
### **OUTSOLE**

#### NEW BASIC doubledensity sole with profile



• Excellent slip resistance

• Antistatic



Colour: lightgreyProfile depth: 3.5 mmAbrasion-resistant

Heat-resistant to approx. 130°C

• Flexible at cold temperatures to approx. -20°C

• Oil and fuel resistant



Midsole: PU (polyurethane)

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

