# TECHNICAL DATA SHEET

## **ALEX S2 No. 16520**

Sz. 36 - 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

 $\ensuremath{\mathsf{SR}}$  SLIP RESISTANCE on ceramic tile with glycerine.

**SC** SCUFF CAP

The overcap manages a certain amount of abrasion.

**CI** COLD INSULATED

#### **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	
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.



FEATURES	
Collar padding	Excellent wearing comfort: the ankle-wrapping, softly padded upper edge provides for stability and grip in the shoe.
PU toe protection (polyurethane)  UPPER MATERIAL	<ul> <li>Directly applied tip protection</li> <li>Excellent wear protection in the shoe tip area</li> <li>Protects the upper material in this area against premature wear</li> </ul>
Cowhide leather	<ul> <li>Areas of application S1/S2/S3</li> <li>Natural material</li> <li>Wear-resistant</li> <li>Breathable</li> <li>Water penetration/absorption in accordance with EN ISO 20345 S2</li> </ul>
Textile material Cordura® (hydrophobized) CORDURA	<ul> <li>Areas of application S2/S3</li> <li>Synthetic material</li> <li>Particularly resistant to wear and tear</li> <li>Retains its shape</li> <li>Tear-resistant</li> <li>Dries quickly</li> <li>Abrasion-resistant and light</li> <li>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</li> </ul>
LINING	
Breathable fabric lining	<ul> <li>Climate-regulating</li> <li>Good ventilation</li> <li>Skin-friendly</li> <li>High absorption and emission of moisture</li> </ul>
Heel pocket lining	The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort.
TOE PROTECTION	CAP
Steel toe cap	<ul> <li>Protection against impacts of min. 200 joules and pressure loading of min. 15 kN</li> <li>Permanent edge coverage for cushioning</li> <li>Ergonomically shaped</li> <li>Comfortable toe room</li> <li>Good coverage of the little toe area</li> </ul>
INLAY SOLE	
Full-length inlay sole JORI	<ul> <li>The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.</li> <li>The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.</li> <li>Antistatic</li> </ul>



#### **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)

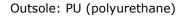
#### **OUTSOLE**

#### 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

