# TECHNICAL DATA SHEET

## TERENCE XXG PRO BOA® GTX black Low ESD S3 HI CI
## No. 728471

**Sz. 39 - 48**







## LABELLING ACCORDING TO STANDARD

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| Standard for safety footwear EN ISO 20345 S3 | Basic requirement for S3: **A** Antistatic shoe - **E** Energy absorption in the heel - **FO** Fuel resistance - **WRU** Water penetration and water absorption resistant upper - **P** Penetration resistance - Closed heel area - Profiled outsole |
| 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.<br><br>**HI** HEAT INSULATED<br><br>**HRO** HEAT RESISTANT OUTSOLE<br>Heat resistance against contact heat, also during short-term high temperatures<br><br>**CI** COLD INSULATED |

## FORM

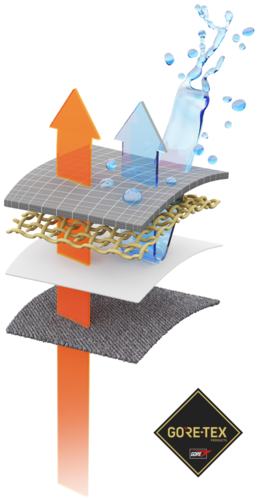
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| Safety shoe  | Form A - in size 42, the upper height must not exceed 11.2 cm. |

## AREAS OF APPLICATION

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| Areas of application | Indoors and outdoors<br>Areas where exposure to moisture is expected (S2)<br>Areas where there is a risk of penetration from pointed and sharp objects (S3)<br><br>Areas where there is a risk of electrostatic discharge (ESDS/ESD)<br><br>Workplaces on hard Undergrounds: The revolutionary Infinergy® sole core cushions impacts and provides for a rebound effect when the compressive impulse subsides - for more energy in every step. |

| FEATURES | |
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| 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. |
| 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. |
| Reflective material | • Good visibility in the dark |
| Heel loop | • Quicker into the shoe: The heel loop makes it easier to get inside the shoe |
| Sole core made of Infinergy® by BASF  | The sole core consists of expanded, thermoplastic polyurethane in the form of oval foam beads. These stick together and are very light and elastic. This revolutionary technology cushions the impact and bounces back extremely well on pressure, so that the energy can be returned to the wearer. Even under low temperatures of -20 °C, the core maintains its high elasticity. |
| BOA® Fit System | Delivering fit solutions purpose-built for performance, the BOA® Fit System is featured in products across industries (including sports, workwear and medical) and consists of three integral parts: a micro adjustable dial, a super-strong lightweight lace and low friction lace guides. Each unique configuration is engineered for fast, effortless, precision fit and is backed by the BOA® Guarantee. |
| TPU scuff cap | • Excellent wear protection in the shoe tip<br>• Protects the upper leather in this area against premature wear |
| **UPPER MATERIAL** | |
| Cowhide leather | • Areas of application S1/S2/S3<br>• Natural material<br>• Wear-resistant<br>• Breathable<br>• Water penetration/absorption in accordance with EN ISO 20345 S2 |

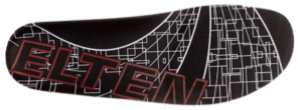
## LINING

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| Gore-Tex Performance Comfort Footwear   | The GORE-TEX membrane prevents water from entering into the shoe, but still allows your feet to "breathe". This technology provides ideal climate comfort for all outdoor activities, even in the harshest weather conditions. All components of the shoe construction are precisely attuned to one another and are subject to constant quality controls.<br><br>The ALL-WEATHER membrane<br>The all-weather membrane constantly provides an ideal climate comfort inside the shoe in all wind and weather conditions. Keeps your feet cool in summer and warm in winter. Tiny pores keep wind and wetness outside. |
| Heel pocket lining | • The abrasion-resistant microfibre material is particularly sturdy and provides for a pleasant wearing comfort. |

## TOE PROTECTION CAP

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| Composite toe cap  | • Protection against impacts of min. 200 joules and pressure loading of min. 15 kN<br>• Permanent edge coverage for cushioning<br>• Ergonomically shaped<br>• Comfortable toe room<br>• Good coverage of the little toe area<br>• Low weight - weighs less than conventional steel caps<br>• 100% metal-free<br>• 100% anti-magnetic |

## INLAY SOLE

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| Full-length inlay sole ESD PRO (rec)   | • ESD EQUIPMENT: Protection against electrostatic discharge (ESD). The full-length, exchangeable inlay sole is conductive and designed for the use in ESD safety footwear according to the standards DIN EN ISO 20345 and DIN EN 61340-5-1.<br>• Inlay sole with recycled material content<br>• The full-length, exchangeable inlay sole provides the highest possible comfort in safety shoes.<br>• The inlay sole is functionally absorbing and releasing moisture and thus provides for a pleasant foot climate.<br>• The extreme softness of the PU foam absorbs shocks on impact and increases walking comfort.<br>• Improvement of the shoe climate thanks to the PU foam's open cell structure. So the foot is always kept comfortably dry. |

## PENETRATION RESISTANCE

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| Metal-free penetration protection | The textile midsole complies with the penetration safety standard EN 12568 and furthermore fulfils the additional requirements for penetration protection in accordance with EN ISO 20344 / 20345. The light and flexible material enables an increased elasticity of the shoe, which can particularly be recognized when working on uneven grounds or on your knees.<br><br>The textile variant offers 100 % foot coverage compared to steel midsoles (foot coverage 85 % due to limits in the shoe manufacturing process). Being 100 % metal-free and antimagnetic, this equipment is used as penetration protection in safety shoes. |

## OUTSOLE

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| WELLMAXX GRIP double-density sole with profile | • Excellent slip resistance<br>• Antistatic |
| <br> | Outsole: Rubber<br><br>• Colour: black<br>• Profile depth: 4.0 mm<br>• Particularly abrasion-resistant<br>• Heat-resistant to approx. 200°C, for short periods to 300°C<br>• Flexible at cold temperatures to approx. -20°C<br>• Oil and fuel resistant<br>• Resistant to a large number of chemicals (acids and alkalis)<br>• Notch-resistant |
| | Midsole: PU (polyurethane) with a core made of Infinergy® by BASF<br><br>• The core made of Infinergy® provides a very good cushioning with rebound effect<br>• The soft PU core provides a good impact absorption and high wearing comfort |