

Heavy

## BOREAS2 S2

### Leather safety boot

The BOREAS2 safety boots offer superior grip, heat resistance up to 300°C, antistatic properties, and oil & fuel resistance. Ideal for tough industries and environments.

|               |   |
|---------------|---|
| Upper         | Pull-up Leather   |
| Lining        | Cambrella   |
| Footbed       | SJ foam footbed   |
| Midsole       | Anti-puncture Textile   |
| Outsole       | PU/Rubber (NBR)   |
| Toecap        | Composite   |
| Category      | S2 / PS, SR, HI, CI, FO, HRO                                      |
| Size range    | EU 36-47 / UK 3.5-12.0 / US 4.0-13.0<br>JPN 22.5-31 / KOR 235-310 |
| Sample weight | 0.913 kg  |
| Norms         | ASTM F2413:2018<br>EN ISO 20345:2022+A1:2024                      |



DBN



#### Oil & fuel resistant

The outsole is resistant against oil and fuel.



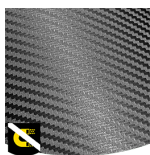
#### Antistatic

Antistatic footwear prevents build-up of static electrical charges and ensures that they are discharged effectively. Volume resistance between 100 KiloOhm and 1 GigaOhm



#### Composite toecap

Metalfree and lightweight, no thermal or electrical conductivity



#### Metal free

Metal free safety shoes are in general lighter than regular safety shoes. They are also very beneficial for professionals who have to pass through metal detectors several times a day.



#### Heat resistant outsole (HRO)

The outsole resists high temperatures up to 300°C.



#### S3

S3 safety shoes are suitable for work in an environment with high humidity and presence of oil or hydrocarbons. These shoes also protect against perforation risk of the sole, and foot crushing.

Industries:

Chemical, Cleaning, Construction, Mining, Oil & Gas

Environments:

Muddy environment, Uneven surfaces

Maintenance instructions:

To extend the life of your shoes, we recommend to clean them regularly and to protect them with adequate products. Do not dry your shoes on a radiator, nor nearby a heat source.

|         | Description  | Measure unit | Result      | EN ISO 20345 |
|---------|--|--------------|-------------|--------------|
| Upper   | <b>Pull-up Leather</b>   |              |             |              |
|         | Upper: permeability to water vapor                               | mg/cm²/h     | 1.7         | ≥ 0.8        |
|         | Upper: water vapor coefficient                                   | mg/cm²       | 17.6        | ≥ 15         |
| Lining  | <b>Cambrella</b>   |              |             |              |
|         | Lining: permeability to water vapor                              | mg/cm²/h     | 33.5        | ≥ 2          |
|         | Lining: water vapor coefficient                                  | mg/cm²       | 269         | ≥ 20         |
| Footbed | <b>SJ foam footbed</b>   |              |             |              |
|         | Footbed: abrasion resistance (dry/wet) (cycles)                  | cycles       | 25600/12800 | 25600/12800  |
| Outsole | <b>PU/Rubber (NBR)</b>   |              |             |              |
|         | Outsole abrasion resistance (volume loss)                        | mm³          | 83.2        | ≤ 150        |
|         | Outsole slip resistance SRA: heel                                | friction     | 0.35        | ≥ 0.28       |
|         | Outsole slip resistance SRA: flat                                | friction     | 0.36        | ≥ 0.32       |
|         | Outsole slip resistance SRB: heel                                | friction     | 0.13        | ≥ 0.13       |
|         | Outsole slip resistance SRB: flat                                | friction     | 0.18        | ≥ 0.18       |
|         | Antistatic value   | MegaOhm      | 506         | 0.1 - 1000   |
|         | ESD value  | MegaOhm      | N/A         | 0.1 - 100    |
|         | Heel energy absorption   | J            | 38          | ≥ 20         |
| Toecap  | <b>Composite</b>   |              |             |              |
|         | Impact resistance toecap (clearance after impact 100J)           | mm           | N/A         | N/A          |
|         | Compression resistance toecap (clearance after compression 10kN) | mm           | N/A         | N/A          |
|         | Impact resistance toecap (clearance after impact 200J)           | mm           | 15.0        | ≥ 14         |
|         | Compression resistance toecap (clearance after compression 15kN) | mm           | 22.0        | ≥ 14         |

Sample size:

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