

Heavy

## ALTAR S3 MID S3S

ALTARS3MID

### Composite Toe Work Boots

ALTAR S3 safety boots combine comfort and strength. Slip and heat resistant, metal-free, and water-resistant for reliable protection at work.

|               |   |
|---------------|---|
| Upper         | Crazy Horse Leather   |
| Lining        | Recycled Mesh   |
| Footbed       | SJ foam footbed   |
| Midsole       | Anti-puncture Textile   |
| Outsole       | PU/Rubber (NBR)   |
| Toecap        | Composite   |
| Category      | S3S / SR, SC, LG, ESD, HI, CI, FO, HRO                              |
| Size range    | EU 36-48 / UK 3.5-13.0 / US 4.0-13.5<br>JPN 22.5-31.5 / KOR 235-315 |
| Sample weight | 0.804 kg  |
| Norms         | ASTM F2413:2018<br>EN ISO 20345:2022                                |



CAM



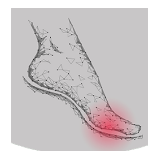
SND



**Breathable leather upper**  
Natural leather provides a high degree of wearer comfort combined with durability in versatile applications.



**Composite toecap**  
Metalfree and lightweight, no thermal or electrical conductivity



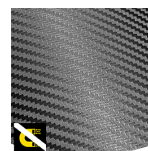
**Forefoot energy absorption**  
Forefoot energy absorption reduces the impact of jumps or running on the body of the wearer.



**Heat resistant outsole (HRO)**  
The outsole resists high temperatures up to 300°C.



**Heel energy absorption**  
Heel energy absorption reduces the impact of jumps or running on the body of the wearer.



**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.

Industries:

Construction, Industry, Logistics, Mining

Environments:

Dry environment, Muddy environment, Extreme slippery surfaces, Warm surfaces, Uneven surfaces, Cold environment, Wet environment

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   | Crazy Horse Leather  |              |             |              |
|         | Upper: permeability to water vapor                               | mg/cm²/h     | 7.8         | # 0.8        |
|         | Upper: water vapor coefficient                                   | mg/cm²       | 68          | # 15         |
| Lining  | Recycled Mesh  |              |             |              |
|         | Lining: permeability to water vapor                              | mg/cm²/h     | 54.48       | # 2          |
|         | Lining: water vapor coefficient                                  | mg/cm²       | 436         | # 20         |
| Footbed | SJ foam footbed  |              |             |              |
|         | Footbed: abrasion resistance (dry/wet) (cycles)                  | cycles       | 25600/12800 | 25600/12800  |
| Outsole | PU/Rubber (NBR)  |              |             |              |
|         | Outsole abrasion resistance (volume loss)                        | mm³          | 91          | # 150        |
|         | Basic Slip resistance - Ceramic + NaLS - Forward heel slip       | friction     | 0.41        | # 0.31       |
|         | Basic Slip resistance - Ceramic + NaLS - Backward forepart slip  | friction     | 0.37        | # 0.36       |
|         | SR Slip resistance - Ceramic + glycerin - Forward heel slip      | friction     | 0.28        | # 0.19       |
|         | SR Slip resistance - Ceramic + glycerin - Backward forepart slip | friction     | 0.25        | # 0.22       |
|         | Antistatic value   | MegaOhm      | 11.2        | 0.1 - 1000   |
|         | ESD value  | MegaOhm      | 65          | 0.1 - 100    |
|         | Heel energy absorption   | J            | 33          | # 20         |
| Toecap  | Composite  |              |             |              |
|         | 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           | 17.0        | # 14         |
|         | Compression resistance toecap (clearance after compression 15kN) | mm           | 21.5        | # 14         |

Sample size: 42

Our shoes are constantly evolving, the technical data above may change. All product names and brand Safety Jogger, are registered and may not be used or reproduced in any format, without written consent from us.



HEAD-TO-TOE  
PROTECTION



Proudly ranked in the  
top 1% by EcoVadis  
for sustainability.



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