
# SAFETY

## ALL TERRAIN S1 HRO

***Non Metallic Leather Safety footwear***

All Terrain is our another new stylish non metallic leather safety footwear, offering very high wearer comfort & highest slip resistance, thanks to its lightweight design, tropicalized high-tech materials including composite toe, and ergonomically designed out sole. All Terrain the ideal companion for frequent flyers.

## BORN TOUGH BUILT RELIABLE

| | |
|---|---|
| Upper | Apollo leather |
| Sole | Double Density PU+Nitrile Rubber Black Outsole |
| Toecap | Composite |
| Midsole | PU |
| Outsole | Nitrile Rubber |
| Lining | Mesh |
| Footbed | EVA Footbed |
| Safety category | EN ISO 20345 : 2011 & IS 15298 (Part 2): 2016 |
| Sample weight | 940 gm. ± 50g. \| Size 8. |
| Size range | UK 5-12 |

### GENERAL & UPPER

- LEATHER UPPER
- LIGHT WEIGHT
- BREATHABLE UPPER
- LACE UP
- ODOR REDUCING


### TOE CAP

- COMPOSITE TOE (CT, 200J)
- WIDE TOE CAP

### LINING

- TEXTILE LINING

### IN SOCK

- AERATION HOLES TO REGULAR TEMPERATURE
- CUSHION HEEL & ARCH SUPPORT

### SOLE

- DOUBLE DENSITY (PU RUB)
- ABSORPTION (35J, HEEL SHOCK)
- RESISTANT SOLE (FUEL OIL)
- ACID ALKALI FAT RESISTANT SOLE
- ANTISTATIC
- SOLE (HRO, 350°C)
- SLIP RESISTANT (SRC)
- ELECTRICAL HAZARD OPTIONAL (EH)

JCB SAFETY FOOTWEAR

info@jcbfootwear.in
www.jcbfootwear.in

INDUSTRIAL PROFESSIONAL OCCUPATIONAL

ENGINEERED IN UK

MAKE IN INDIA

IS 15298 (PART 2)
CM/L-4867488


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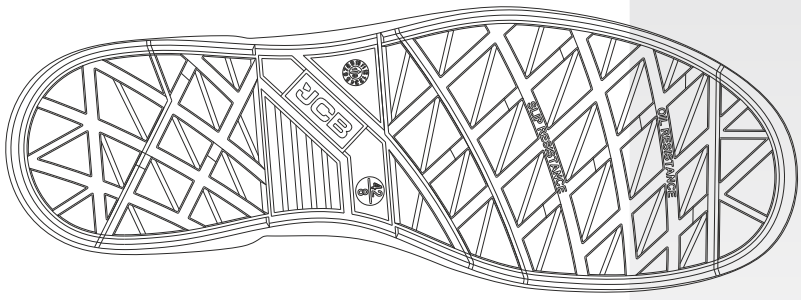


### Industries:
General, Engineering, Automobile, Foundry, Hot Zone, Electrician

### Environments:
Humid environment, Extreme slippery surfaces, Uneven surfaces, upto 350° c

### 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/Hair Dryer nor nearby a heat source.

| | Description | Measure unit | Result | IS 15298(Part 2):2016 EN ISO 20345 |
|---|---|---|---|---|
| **Upper Leather** | Upper: Tear Strength | n/mm² | 262 | ≥ 120 |
| | Upper: Tensile Strength | n/mm² | 26 | ≥ 15 |
| | Upper: permeability to water vapor | mg/cm²/h | 1.19 | ≥ 0.8 |
| | Upper: water vapor coefficient | mg/cm² | 17.6 | ≥ 15 |
| **Lining** | **3D-Mesh** | | | |
| | Lining: permeability to water vapor | mg/cm²/h | 31.1 | ≥ 2 |
| | Lining: water vapor coefficient | mg/cm² | 180 | ≥ 20 |
| | Lining: Abrasion resistance | no hole | no hole | no hole |
| **Footbed** | **Footbed** | | | |
| | Footbed: abrasion resistance | cycles | 450 | ≥ 400 |
| **Sole** | **SOLE:PU Nitrile Rubber** | | | |
| | Outsole abrasion resistance (volume loss) | mm³ | 91 | ≤ 150 |
| | Flexing resistance (30,000 cycles) | mm | no growth | ≤ 4 |
| | Upper outsole bond strength | n/mm | 4.15 | ≥ 4.0 |
| | Interlayer bond strength | n/mm | 4.05 | ≥ 4.0 |
| NEW | Outsole slip resistance *Condition A | COF | 0.60 | ≥ 0.31 |
| NEW | Outsole slip resistance *Condition B | COF | 0.60 | ≥ 0.36 |
| NEW | Outsole slip resistance *Condition C | COF | 0.38 | ≥ 0.19 |
| NEW | Outsole slip resistance *Condition D | COF | 0.34 | ≥ 0.22 |
| | Antistatic value | MegaOhm | 125 | 0.1 - 1000 |
| | Heel energy absorption | Joules | ≥30 | ≥ 20 |
| | Resistance fuel oil | % | ≤ 1.6 | ≤ 12 |
| **Toecap** | Hot Contact at 130°C for 1 min. | Centigrade | No melt | No melt |
| | Impact resistance toecap (clearance after impact 200J) | mm | 19.5 | ≥ 14 |
| | Compression resistance toecap (clearance after compression 15kN) | mm | 15.0 | ≥ 14 |

*As per IS 15298 (Part 2) : 2024



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