COFRA®
BORN TO WORK

# PRODUCT SHEET

# SUMMIT UK S3 WR SRC

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|---|---|
| **Prod. Ref.** | 22070-001 |
| **Safety cat.** | S3 WR SRC |
| **Range of sizes** | 39 - 48 (6 - 13) |
| **Weight** (sz. 8) | 730 g |
| **Shape** | B |
| **Width** | 11 |

**Description:** Black water repellent nubuck and nylon **CORDURA®** ankle boot, **COFRA-TEX** waterproof membrane lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**.

**Plus: COFRA-TEX WATERPROOF UNIVERSAL** membrane with **"PROOF-LINING"** construction system stitched directly to the footbed and sealed with specific glue. Waterproofness is guaranteed as well from the sealing of the polyurethane sole, which prevents water leaking. Water does not penetrate into the footwear but the vapour molecules evaporate through the membrane keeping the foot dry. **EVANIT** footbed, made of EVA and nitrile special compound, with high bearing capacity and variable thickness. Thermoformed, punched and coated with highly breathable fabric. Antistatic thanks to a specific treatment on the surface and to seams made of conductive yarns. Arch support made of polycarbonate and fibreglass conveniently placed between heel and sole, which provides support and protection of the plantar arch, thus preventing harmful bendings. Bellows tongue. Perfumed sole. **Polyurethane toe cap protection only for sizes 40-48**

**Suggested uses:** Construction, maintenance, industries. Footwear for wet environments

**Care and maintenance:** Clean after each use and dry off away from direct heat; treat the leather with a suitable shoe-polish. Avoid contact with aggressive chemicals or extreme temperature. Avoid immersion in sea water, lime water or cement mixed with water.

## MATERIALS / ACCESSORIES

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| **Whole footwear** | **Water resistance** | |
| **Complete shoe** | **Toe cap:** steel made, varnished with epoxy resin, impact resistant until 200 J | |
| | and compression resistant until 1500 kg | |
| | **Anti perforation midsole:** in multi-layers highly tensile fabric, penetration resistant, **Zero Perforation** | |
| | **Antistatic shoe:** the bottom is fit for the dissipation of electrostatic charges | |
| | **Energy absorption system:** polyurethane low density and heel profile | |
| **Upper** | Black water repellent Nubuck | |
| | thickness 1,6/1,8 mm | |
| **Upper** | Black water repellent nylon **CORDURA®** | |
| **Lining** | **COFRA-TEX** membrane, breathable and abrasion resistant, colour grey | |
| | thickness 1.2 mm | |
| **Sole** | Antistatic dual-density polyurethane directly injected in the upper: | |
| | Outsole: black, high density, slipping resistant, abrasion | |
| | resistant and hydrocarbons resistant, | |
| | Midsole: black, low density, comfortable and anti-shock | |

## SAFETY TECHNICAL SPECIFICATIONS

| Clause EN ISO 20345:2011 | Description | Unit | Cofra result | Requirement |
|---|---|---|---|---|
| 5.15.1 | Water resistance (area of water penetration after 1000 paces in a surface flooded with water) | $cm^2$ | **≤ 3** | ≤ 3 |
| 5.3.2.3 | Shock resistance (clearance after shock) | mm | **14** | ≥ 14 |
| 5.3.2.4 | Compression resistance (clearance after compression) | mm | **14,5** | ≥ 14 |
| 6.2.1 | Penetration resistance | N | **To 1100 N** | ≥ 1100 |
| | | | **No Perforation** | |
| 6.2.2.2 | Electric resistance | | | |
| | - wet | MΩ | **123** | ≥ 0.1 |
| | - dry | MΩ | **336** | ≤ 1000 |
| 6.2.4 | Shock absorption | J | **27** | ≥ 20 |
| 5.4.6 | Water vapour permeability | mg/cmq h | **> 4,2** | ≥ 0,8 |
| | Permeability coefficient | mg/cmq | **> 42,9** | > 15 |
| 6.3.1 | Water absorption | | **28%** | ≤ 30% |
| | Water penetration | | **0,0 g** | ≤ 0,2 g |
| 5.4.6 | Water vapour permeability | mg/cmq h | **> 2** | ≥ 0,8 |
| | Permeability coefficient | mg/cmq | **> 16** | > 15 |
| 6.3.1 | Water absorption | | **30%** | ≤ 30% |
| | Water penetration | | **0,0 g** | ≤ 0,2 g |
| 5.5.3 | Water vapour permeability | mg/cmq h | **> 6,4** | ≥ 2 |
| | Permeability coefficient | mg/cmq | **> 51,2** | ≥ 20 |
| 5.8.3 | Abrasion resistance (lost volume) | $mm^3$ | **53** | ≤ 150 |
| 5.8.4 | Flexing resistance (cut increase) | mm | **1** | ≤ 4 |
| 5.8.6 | Interlayer bond strength | N/mm | **> 5** | ≥ 4 |
| 6.4.2 | Hydrocarbons resistance (ΔV = volume increase) | % | **+ 0,2** | ≤ 12 |

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| Adherence coefficient of the sole | 5.3.5 | SRA : ceramic + detergent solution – flat | **0,42** | ≥ 0,32 |
| | | SRA : ceramic + detergent solution – heel (contact angle 7°) | **0,34** | ≥ 0,28 |
| | | SRB : steel + glycerol – flat | **0,20** | ≥ 0,18 |
| | | SRB : steel + glycerol – heel (contact angle 7°) | **0,14** | ≥ 0,13 |