



|                |                 |
|----------------|-----------------|
| Prod. Ref.     | 78500-005       |
| Safety cat.    | S3 SRC          |
| Range of sizes | 35 - 41 (2 - 7) |
| Weight (sz. 4) | 450 g           |
| Shape          | A               |
| Width          | 11              |

**Description:** Light blue water repellent nubuck shoe, **SANY-DRY®** lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**.

**Plus:** **COFRA SOFT** footbed, made of scented polyurethane, holed, antistatic, anatomic, soft and comfortable; the shape of the bottom part guarantees impact energy absorption (shock absorber) and high grip; the upper part absorbs moisture and keeps the foot dry. Perfumed sole. Bellows tongue

**Suggested uses:** Women footwear

**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

|               |   | Clause<br>EN ISO<br>20345:2011 |   |
|---------------|---|--------------------------------|---|
| Complete shoe | Toe cap: <b>ALUMINIUM</b> made, ultra light, impact resistant until 200 J and compression resistant until 1500 kg | 5.3.2.3                        | Shock resistance (clearance after shock)                |
|               |   | 5.3.2.4                        | Compression resistance (clearance after compression)    |
|               | Anti perforation midsole: in multi-layers highly tensile fabric, penetration resistant, <b>Zero Perforation</b>   | 6.2.1                          | Penetration resistance                                  |
|               | Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges                                   | 6.2.2.2                        | Electric resistance                                     |
|               |   |                                | - wet   |
|               |   |                                | - dry   |
| Upper         | Energy absorption system  | 6.2.4                          | Shock absorption  |
|               | Light blue water repellent nubuck   | 5.4.6                          | Water vapour permeability                               |
|               | thickness 1,6/1,8 mm  |                                | Permeability coefficient                                |
|               |   | 6.3.1                          | Water absorption  |
|               |   |                                | Water penetration                                       |
| Vamp          | Textile, breathable, abrasion resistant, colour black   | 5.5.3                          | Water vapour permeability                               |
| lining        | Thickness 1,2 mm  |                                | Permeability coefficient                                |
| Quarter       | <b>SANY-DRY®</b> , breathable, antibacterial, abrasion resistant, colour light grey                               | 5.5.3                          | Water vapour permeability                               |
| lining        | thickness 1,2 mm  |                                | Permeability coefficient                                |
| Sole          | Antistatic Polyurethane/TPU directly injected in the upper:   | 5.8.3                          | Abrasion resistance (lost volume)                       |
|               | Outsole: Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.                              | 5.8.4                          | Flexing resistance (cut increase)                       |
|               | Midsole: Blue polyurethane, low density, comfortable and anti-shock.  | 5.8.5                          | Interlayer bond strength                                |
|               |   | 6.4.2                          | Hydrocarbons resistance ( $\Delta V$ = volume increase) |
|               | Adherence coefficient of the sole   | 5.3.5                          | SRA : ceramic + detergent solution – flat               |

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## SAFETY TECHNICAL SPECIFICATIONS

| Description  | Unit            | Cofra<br>result       | Requirement |
|--|-----------------|-----------------------|-------------|
| Shock resistance (clearance after shock)                     | mm              | <b>14</b>             | ≥ 13        |
| Compression resistance (clearance after compression)         | mm              | <b>13,5</b>           | ≥ 13        |
| Penetration resistance                                       | N               | <b>To 1100 N</b>      | ≥ 1100      |
|  |                 | <b>No perforation</b> |             |
| Electric resistance  |                 |                       |             |
| - wet  | MΩ              | <b>386</b>            | ≥ 0.1       |
| - dry  | MΩ              | <b>705</b>            | ≤ 1000      |
| Shock absorption   | J               | <b>27</b>             | ≥ 20        |
| Water vapour permeability                                    | mg/cmq h        | <b>&gt; 4</b>         | ≥ 0,8       |
| Permeability coefficient                                     | mg/cmq          | <b>&gt; 39,5</b>      | > 15        |
| Water absorption   |                 | <b>24%</b>            | ≤ 30%       |
| Water penetration  |                 | <b>0,1 g</b>          | ≤ 0,2 g     |
| Water vapour permeability                                    | mg/cmq h        | <b>&gt; 6,3</b>       | ≥ 2         |
| Permeability coefficient                                     | mg/cmq          | <b>&gt; 51,1</b>      | ≥ 20        |
| Water vapour permeability                                    | mg/cmq h        | <b>&gt; 10,3</b>      | ≥ 2         |
| Permeability coefficient                                     | mg/cmq          | <b>&gt; 82,8</b>      | ≥ 20        |
| Abrasion resistance (lost volume)                            | mm <sup>3</sup> | <b>37</b>             | ≤ 150       |
| Flexing resistance (cut increase)                            | mm              | <b>1</b>              | ≤ 4         |
| Interlayer bond strength                                     | N/mm            | <b>&gt; 5</b>         | ≥ 4         |
| Hydrocarbons resistance ( $\Delta V$ = volume increase)      | %               | <b>-0,6</b>           | ≤ 12        |
| SRA : ceramic + detergent solution – flat                    |                 | <b>0,58</b>           | ≥ 0,32      |
| SRA : ceramic + detergent solution – heel (contact angle 7°) |                 | <b>0,52</b>           | ≥ 0,28      |
| SRB : steel + glycerol – flat                                |                 | <b>0,27</b>           | ≥ 0,18      |
| SRB : steel + glycerol – heel (contact angle 7°)             |                 | <b>0,18</b>           | ≥ 0,13      |