

# exena.

## REBEL S3 ESD SRC



| DESCRIPTION  | NORM EN ISO 20345:2011                               | RESULT  | REQUIREMENT  |
|--|--|---|--|
| <b>UPPER:</b> Microfiber with anti-abrasion film             | 5.4.3 Tear strength                                  | 65 N  | ≥ 60 N   |
|  | 5.4.6 Water vapor permeability Coefficient           | 4,6 mg/cm <sup>2</sup> h<br>38,1 mg/cm <sup>2</sup>   | ≥ 0,8 mg/cm <sup>2</sup> h<br>≥ 15,0 mg/cm <sup>2</sup>  |
|  | <b>VAMP LINING:</b> Breathable, abrasion resistance. | 5.5.2 Tear strength                                   | 39 N   |
| <b>QUARTER LINING:</b> Breathable, abrasion resistance.      | 5.5.3 Abrasion resistance (Wet)                      | No holes  | 25.600 cycles  |
|  | Abrasion resistance (Dry)                            | No holes  | 51.200 cycles  |
|  | 5.5.4 Water vapor permeability Coefficient           | 8,1 mg/cm <sup>2</sup> h<br>75,7 mg/cm <sup>2</sup>   | ≥ 2,0 mg/(cm <sup>2</sup> h)<br>≥20,0 mg/cm <sup>2</sup> |
| <b>COUNTER LINING:</b> Breathable, abrasion resistance.      | 5.5.2 Tear strength                                  | 18 N  | ≥ 15 N   |
|  | 5.5.3 Abrasion resistance (Wet)                      | No holes  | 25.600 cycles  |
|  | Abrasion resistance (Dry)                            | No holes  | 51.200 cycles  |
| <b>COUNTER LINING:</b> Breathable, abrasion resistance.      | 5.5.4 Water vapor permeability Coefficient           | 9,6 mg/cm <sup>2</sup> h<br>77,5 mg/cm <sup>2</sup>   | 2,0 mg/(cm <sup>2</sup> h)<br>≥20,0 mg/cm <sup>2</sup>   |
|  | 5.5.2 Tear strength                                  | 51 N  | ≥ 15 N   |
|  | 5.5.3 Abrasion resistance (Wet)                      | No holes  | 25.600 cycles  |
| <b>SAFETY TOE CAP:</b> Non-metallic polycarbonate safety toe | Abrasion resistance (Dry)                            | No holes  | 51.200 cycles  |
|  | 5.5.4 Water vapor permeability Coefficient           | 54,1 mg/cm <sup>2</sup> h<br>432,5 mg/cm <sup>2</sup> | ≥ 2,0 mg/(cm <sup>2</sup> h)<br>≥20,0 mg/cm <sup>2</sup> |
|  | 5.3.2.6 Impact resistance                            | 16 mm   | ≥ 14 mm  |
| <b>PIERCE-RESISTANCE:</b> Textile pierce proof footbed.      | 5.3.2.7 Compression resistance                       | 17,5 mm   | ≥ 14 mm  |
|  | 6.2.1.1.3 Resistance to perforation                  | PASS  | ≥ 1100 N   |

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**FOOTBED:** Removable, cushioned, antistatic insole.

5.7.4.2 Abrasion resistance (Dry)  
Abrasion resistance (Wet)

No holes  
No holes

25.600 cycles  
12.800 cycles

**OUTSOLE:** PU 2D, Antislip sole, SRC

5.8.3 Tear strength

9,2 kN/m

≥ 8 kN/m

5.8.4 Abrasion resistance

142 mm<sup>3</sup>

≤ 250 mm<sup>3</sup>

5.8.5 Flexing resistance

2,0 mm

≤ 4,0 mm

5.8.6 Hydrolysis

2,5 mm

≤ 6,0 mm

6.4.2 Oils resistance

10 %

≤ 12%

5.3.5.2 Determination of slip resistance on pressed ceramic tile floor with detergent solution.

Condition B (forward flat slip)

0,57

≥ 0,32

Condition A (forward heel slip)

0,39

≥ 0,28

5.3.5.3 Determination of slip resistance on stainless steel plate

Condition C (forward flat slip)

0,26

≥ 0,18

Condition D (forward heel slip)

0,18

≥ 0,13

**SIZES: 36-47**

**WEIGHT: (g)**

**36    37    38    39    40    41    42    43    44    45    46    47**

862    917    972    1027    1082    1137    1192    1247    1302    1357    1412    1467