



<b>Prod. Ref.</b>	NW120-000
<b>Safety cat.</b>	S1 PS LG SC FO SR
<b>Range of sizes</b>	36 - 48 (3 - 13)
<b>Weight (sz. 8)</b>	580 g
<b>Shape</b>	A
<b>Widht (3 - 6)</b>	10,5
<b>Widht (6,5 - 13)</b>	11

**Description:** Mud suede leather and breathable textile ankle boot, **SANY-DRY**<sup>®</sup> lining, anti-shock, antistatic, slipping resistant, with non metallic **APT PLUS** midsole - type **PS** with Ø 3,0 mm nail.

**Plus: METAL FREE. LIGHT FOAM** footbed, made of extremely soft and comfortable polyurethane foam. Punched, antistatic, its anatomical shape provides support to the plantar arch; covered with abrasion resistant fabric, it absorbs moisture and keeps always the foot dry; it guarantees excellent comfort and shock absorption. Footwear equipped with a particularly abrasion-resistant material on the toe area (**SC**). Sole design especially conceived for safer standing on ladder rungs (**LG**).

**Suggested uses:** Warehouses, transportation sector, industries

**Care and maintenance:** Clean after each use and dry off away from direct heat. Avoid contact with aggressive chemicals or extreme temperature. Avoid immersion in sea water, lime water or cement mixed with water

### MATERIALS / ACCESSORIES

### SAFETY TECHNICAL SPECIFICATIONS

		Clause EN ISO 20345:2022	Description	Unit	Cofra result	Requireme nt
<b>Complete shoe</b>	<b>Toe cap:</b> non metallic <b>FIBERGLASS</b> toe cap, impact resistant until 200 J and compression resistant until 1500 kg	5.3.2.6	Shock resistance (clearance after shock)	mm	<b>16</b>	≥ 14
		5.3.2.7	Compression resistance (clearance after compression)	mm	<b>20</b>	≥ 14
	<b>Anti perforation midsole:</b> in multi-layers highly tensile fabric, penetration resistant, <b>Zero Perforation</b>	6.2.1.1.4	Penetration resistance ( <b>PS</b> requirement with Ø 3,0 mm nail)	N	<b>1522</b>	≥ 1100
	<b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	<b>81</b>	≥ 0.1
			- dry	MΩ	<b>145</b>	≤ 1000
	<b>Energy absorption system</b>	6.2.4	Shock absorption	J	<b>33</b>	≥ 20
<b>Upper</b>	Mud suede leather Thickness 1,6/1,8 mm	5.4.6	Water vapour permeability	mg/cmq h	> <b>7,5</b>	≥ 0,8
			Permeability coefficient	mg/cmq	> <b>65,3</b>	≥ 15
<b>Upper</b>	Mud breathable textile	5.4.6	Water vapour permeability	mg/cmq h	> <b>24</b>	≥ 0,8
			Permeability coefficient	mg/cmq	> <b>192,3</b>	≥ 15
<b>Vamp lining</b>	Textile, breathable, abrasion resistant, colour black thickness 1,2 mm	5.5.4	Water vapour permeability	mg/cmq h	> <b>4,1</b>	≥ 2
			Permeability coefficient	mg/cmq	> <b>47,2</b>	≥ 20
<b>Quarter lining</b>	<b>SANY-DRY</b> <sup>®</sup> , breathable, abrasion resistant, colour lime thickness 1,2 mm	5.5.4	Water vapour permeability	mg/cmq h	> <b>22</b>	≥ 2
			Permeability coefficient	mg/cmq	> <b>177,9</b>	≥ 20
<b>Sole</b>	Antistatic double-density Polyurethane directly injected in the upper: Outsole: black, high density, slipping resistant, abrasion Midsole: mud, low density, comfortable and anti-shock	5.8.4	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>76</b>	≤ 150
		5.8.5	Flexing resistance (cut increase)	mm	<b>0,8</b>	≤ 4
		5.8.7	Interlayer bond strength	N/mm	<b>4</b>	≥ 3
		6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	<b>3,8</b>	≤ 12
		5.3.5.2	ceramic + detergent solution – forepart (contact angle 7°)		<b>0,42</b>	≥ 0,36
			ceramic + detergent solution – heel (contact angle 7°)		<b>0,36</b>	≥ 0,31
		6.2.10	SR : ceramic + glycerol – forepart (contact angle 7°)		<b>0,26</b>	≥ 0,22
			SR : ceramic + glycerol – heel (contact angle 7°)		<b>0,23</b>	≥ 0,19
	Adherence coefficient of the sole (Slip resistance)					