

**Prod. Ref.** 10020-000  
**Safety cat.** SB E A SRC  
**Range of sizes** 36 - 47  
**Weight (sz. 42)** 460 g  
**Shape** A  
**Wide** 11

**Description:** White water repellent **Lorica®** sabot, **Ecody** lining, antistatic, anti-shock, slipping resistant.

**Plus:** Footwear completely free from metal parts. Upper washable with neutral soap. Footbed **AIR** made of EVA and fabric, antistatic, it guarantees high stability thanks to its different thicknesses in the plantar area. Movable and adjustable strap.

**Suggested uses:** Canteens, food and chemicals industries, chemistry, hospital, clinic.

**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

<b>Complete shoe</b>	<b>Toe cap:</b> non metallic <b>TOP RETURN</b> toe cap, impact resistant until 200 J and compression resistant until 1500 kg <b>Antistatic shoe:</b> the bottom is fit for the dissipation of electrostatic charges
<b>Upper</b>	<b>Energy absorption system:</b> polyurethane low density and heel profile Water repellent <b>Lorica®</b> , colour white thickness 1,5 mm
<b>Vamp</b>	Felt, breathable, colour grey
<b>lining</b>	Thickness 1,2 mm
<b>Quarter</b>	<b>Ecody</b> , abrasion resistant, colour white
<b>lining</b>	thickness 1,2 mm
<b>Insole</b>	Antistatic, absorbent, abrasion and flaking resistant.
<b>Sole</b>	Antistatic dual-density Polyurethane directly injected in the upper: Outsole: white, high density, slipping resistant, abrasion resistant and hydrocarbons resistant, Midsole: white, low density, comfortable and anti-shock Adherence coefficient of the sole

## SAFETY TECHNICAL SPECIFICATIONS

	Clause EN ISO 20344 :2004	Description	Unit	Cofra result	EN ISO 20345:2004 requirement
	5.3.2.3	Shock resistance (clearance after shock)	mm	<b>14,2</b>	≥ 14
	5.3.2.4	Compression resistance (clearance after compression)	mm	<b>14</b>	≥ 14
	6.2.2.2	Electric resistance			
		- wet	MΩ	<b>22</b>	≥ 0.1
		- dry	MΩ	<b>56</b>	≤ 1000
	6.2.4	Shock absorption	J	<b>&gt; 28</b>	≥ 20
	5.4.6	Water vapour permeability	mg/cmq h	<b>&gt; 2,1</b>	≥ 0,8
		Permeability coefficient	mg/cmq	<b>&gt; 20</b>	> 20
	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 4,7</b>	≥ 2
		Permeability coefficient	mg/cmq	<b>&gt; 40,6</b>	≥ 30
	5.5.3	Water vapour permeability	mg/cmq h	<b>&gt; 3,5</b>	≥ 2
		Permeability coefficient	mg/cmq	<b>&gt; 28,8</b>	≥ 30
	5.7.4.1	Abrasion resistance	cycle	<b>&gt; 400</b>	≥ 400
	5.8.3	Abrasion resistance (lost volume)	mm <sup>3</sup>	<b>85</b>	≤ 150
	5.8.4	Flexing resistance (cut increase)	mm	<b>2,5</b>	≤ 4
	5.8.6	Interlayer bond strength	N/mm	<b>&gt; 5</b>	≥ 4
	5.8.7	Hydrocarbons resistance (ΔV = volume increase)	%	<b>+ 0,4</b>	≤ + 12
	5.3.5	SRA : ceramic + detergent solution – flat		<b>0,40</b>	≥ 0,32
		SRA : ceramic + detergent solution – heel (contact angle 7°)		<b>0,38</b>	≥ 0,28
		SRB : steel + glycerol – flat		<b>0,18</b>	≥ 0,18
		SRB : steel + glycerol – heel (contact angle 7°)		<b>0,15</b>	≥ 0,13

**Distributed by:**

