COFRA®
BORN TO WORK

PRODUCT SHEET

NEW RENO UK
S3 CI SC FO SR

Prod. Ref.	NT630-000
Safety cat.	S3 CI SC FO SR
Range of sizes	38 - 48 (5 - 13)
Weight (sz. 8)	648 g
Shape	B
Widht	11

Description: Black water repellent printed leather ankle boot, **TEXELLE** lining, antistatic, anti-shock, slipping resistant, with stainless steel midsole

Plus: **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. Abrasion resistant polyurethane toe cap protection.

Suggested uses: Engineering jobs, maintenance jobs, buildings, industries

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

Complete shoe	**Toe cap:** steel made, varnished with epoxy resin, impact resistant until 200 J and compression resistant until 1500 kg
	Anti perforation midsole: stainless steel, penetration resistance, varnished with epoxy resin
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges
	Energy absorption system
	Cold insulation
Upper	Black water repellent printed leather thickness 1,6/1,8 mm
Vamp lining	Felt, breathable, colour dark grey thickness 1,2 mm
Quarter lining	**TEXELLE**, breathable, abrasion resistant, colour brown thickness 1,2 mm
Insole	Antistatic, absorbent, abrasion and flaking resistant.
Sole	Antistatic double-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
	Adherence coefficient of the sole (Slip resistance)

SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20345:2022	Description	Unit	Cofra result	Requirement
5.3.2.6	Shock resistance (clearance after shock)	mm	**15**	≥ 14
5.3.2.7	Compression resistance (clearance after compression)	mm	**16**	≥ 14
6.2.1	Penetration resistance	N	**1444**	≥ 1100
6.2.2.2	Electric resistance			
	- wet	MΩ	**244,31**	≥ 0.1
	- dry	MΩ	**444,21**	≤ 1000
6.2.4	Shock absorption	J	**30**	≥ 20
6.2.3.2	Cold insulation (temp. decrease after 30' C at -17 °C)	°C	**6**	≤ 10
5.4.6	Water vapour permeability	mg/cmq h	**> 1,1**	≥ 0,8
	Permeability coefficient	mg/cmq	**> 16,8**	≥ 15
6.3	Water absorption		**18,2%**	≤ 30%
	Water penetration		**0,0 g**	≤ 0,2 g
5.5.4	Water vapour permeability	mg/cmq h	**> 19,5**	≥ 2
	Permeability coefficient	mg/cmq	**> 156,2**	≥ 20
5.5.4	Water vapour permeability	mg/cmq h	**> 11,8**	≥ 2
	Permeability coefficient	mg/cmq	**> 94,7**	≥ 20
5.7.4.1	Abrasion resistance	cycle	**> 400**	≥ 400
5.8.4	Abrasion resistance (lost volume)	mm^3	**129**	≤ 150
5.8.5	Flexing resistance (cut increase)	mm	**2,1**	≤ 4
5.8.7	Interlayer bond strength	N/mm	**4,2**	≥ 3
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	**3,2**	≤ 12
5.3.5.2	ceramic + detergent solution – forepart (contact angle 7°)		**0,50**	≥ 0,36
	ceramic + detergent solution – heel (contact angle 7°)		**0,45**	≥ 0,31
6.2.10	SR : ceramic + glycerol – forepart (contact angle 7°)		**0,29**	≥ 0,22
	SR : ceramic + glycerol – heel (contact angle 7°)		**0,25**	≥ 0,19

Made by Technical Dept.