



Prod. Ref.	22421-000
Safety cat.	O2 WR SRC FO
Range of sizes	40 - 48 (6,5 - 13)
Weight (sz. 8)	557 g
Shape	B
Width	11

Description: Brown water repellent Pull-Up nubuck ankle boot, **COFRA-TEX** waterproof membrane lining, antistatic, anti-shock, slipping resistant

Plus: **COFRA-TEX WATERPROOF UNIVERSAL** membrane with “**PROOF-LINING**” construction system stitched directly to the footbed and sealed with specific glue. Waterproofness is guaranteed as well from the sealing of the polyurethane sole, which prevents water leaking. Water does not penetrate into the footwear but the vapour molecules evaporate through the membrane keeping the foot dry. **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. Arch support made of polycarbonate and fibreglass conveniently placed between heel and sole, which provides support and protection of the plantar arch, thus preventing harmful bendings. Perfumed sole. **TPU heel stabilizer**

Suggested uses: Footwear for wet environments

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 20347:2012	Description	Unit	Cofra result	Requirement
Whole footwear	Water resistance	5.15.1	Water resistance (area of water penetration after 1000 paces in a surface flooded with water)	cm ²	≤ 3	≤ 3
Complete shoe	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	6.2.2.2	Electric resistance			
			- wet	MΩ	35,2	≥ 0.1
			- dry	MΩ	98,3	≤ 1000
	Energy absorption system	6.2.4	Shock absorption	J	26	≥ 20
Upper	Brown water repellent Pull-Up nubuck thickness 1,8/2,0 mm	5.4.6	Water vapour permeability	mg/cmq h	> 4,1	≥ 0,8
			Permeability coefficient	mg/cmq	> 50,5	> 15
		6.3.1	Water absorption		10%	≤ 30%
			Water penetration		0,0 g	≤ 0,2 g
Lining	COFRA-TEX membrane, breathable and abrasion resistant, colour grey thickness 1.2 mm	5.5.3	Water vapour permeability	mg/cmq h	> 4,8	≥ 2
			Permeability coefficient	mg/cmq	> 41,6	≥ 20
Insole	Antistatic, absorbent, abrasion and flaking resistant.	5.7.4.1	Abrasion resistance	cycle	> 400	≥ 400
Sole	Antistatic dual-density polyurethane directly injected in the upper:	5.8.3	Abrasion resistance (lost volume)	mm ³	48	≤ 150
	Outsole: black, high density, slipping resistant, abrasion resistant and hydrocarbons resistant,	5.8.4	Flexing resistance (cut increase)	mm	1	≤ 4
	Midsole: black, low density, comfortable and anti-shock	5.8.6	Interlayer bond strength	N/mm	3,5	≥ 4
	Adherence coefficient of the sole	6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	+ 0,8	≤ 12
		5.3.5	SRA : ceramic + detergent solution – flat		0,44	≥ 0,32
			SRA : ceramic + detergent solution – heel (contact angle 7°)		0,36	≥ 0,28
			SRB : steel + glycerol – flat		0,21	≥ 0,18
			SRB : steel + glycerol – heel (contact angle 7°)		0,15	≥ 0,13