

## PRODUCT SHEET

## **CREGAN S3 SRC**

 Prod. Ref.
 78881-000

 Safety cat.
 S3 SRC

 Range of sizes
 36 - 48 (3 - 13)

Weight (sz. 8) 580 g Shape A Width 11 **Description:** Black water repellent leather shoe, **SANY-DRY**® lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation** 

**Plus:** COFRA SOFT footbed, made of scented polyurethane, holed, antistatic, anatomic, soft and comfortable; the shape of the bottom part guarantees impact energy absorption; the upper part absorbs moisture and keeps the foot dry. Perfumed sole. **TPU toe cap protection** 

Suggested uses: Construction, maintenance, 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

Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges   6.2.2   Electric resistance   4. wet   4. w				Clause EN ISO 20345:2011	Description	Unit	Cofra result	Requirement
Antistatic shoe: in multi-layers highly tensile fabric, penetration resistant, Zero Perforation   S.2.1   Penetration resistance   N   No perforation   N   N   N   N   N   N   N   N   N	Complete shoe	Toe cap: ALUMINIUM made, ultra light, impact resistant until 200 J		5.3.2.3	Shock resistance (clearance after shock)	mm	16	≥ 14
Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges   6.2.2   Electric resistance   4. wet   4. w		and compression resis	tant until 1500 kg	5.3.2.4	Compression resistance (clearance after compression)	mm	15,5	≥ 14
Anitstatic show: the bottom is fit for the dissipation of electrostatic charges   6.2.2   Electric resistance   -wet   -wet		Anti perforation midsole: in mul	ti-layers highly tensile fabric, penetration resistant, Zero Perforation	6.2.1	Penetration resistance	N	To 1100 N	≥ 1100
Finergy absorption system   Fineral system   Finergy absorption   Finergy absorpti		Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges		6.2.2.2	Electric resistance			
Purper   Finergy absorption   State   Shock absorption   Shock absorption   J   28   ≥ 20					- wet	$M\Omega$		
Dipper   Black water repellent leather thickness 1,8/2,0 mm   mg/cmq h   1,2   2,0 mg/cmq h   1,3   2,0 mg/cmq h   1,3   2,3 mg/cmq h   1,3   2,3 mg/cmq h   1,3   2,3 mg/cmq h   1,3 mg/cm h   1,3 mg/cmq h   1,3 mg/cm h					- dry	$M\Omega$	706	≤ 1000
thickness 1,8/2,0 mm  thickness 1,8/2,0 mm  Textile, breathable, abrasion resistant, colour black  Textile, breathable, abrasion resistant, colour orange and black  SANY-DRY®, breathable, abrasion resistant, colour orange and black  Textile, premability coefficient  mg/cmq		Energy absorption system		6.2.4	Shock absorption	J	28	≥ 20
Mater penetration   Ma	Upper	Black water repellent leather		5.4.6	Water vapour permeability	mg/cmq h	> 1,2	≥ 0,8
Vamp       Textile, breathable, abrasion resistant, colour black       5.5.3       Water vapour permeability       mg/cmq       > 6,3       ≥ 2         lining       Thickness 1,2 mm       Permeability coefficient       mg/cmq       > 51,1       ≥ 20         Quarter       SANY-DRY®, breathable, abrasion resistant, colour orange and black       5.5.3       Water vapour permeability coefficient       mg/cmq       > 51,1       ≥ 20         Ining       thickness 1,2 mm       Permeability coefficient       mg/cmq       > 82,8       ≥ 20         Sole       Antistatic Polyurethane/TPU directly injected in the upper:       5.8.3       Abrasion resistance (lost volume)       mm³       35       ≤ 150         Outsole:       Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.       5.8.4       Flexing resistance (cut increase)       mm       1       ≤ 4         Midsole:       Black polyurethane, low density, comfortable and anti-shock.       5.8.5       Interlayer bond strength       N/mm       > 5       ≥ 4         Adherence coefficient of the sole       5.3.5       SRA : ceramic + detergent solution – flat       0,60       ≥ 0,52         SRA : ceramic + detergent solution – heel (contact angle 7°)       0,51       ≥ 0,25		thickness 1,8/2,0 mm			Permeability coefficient	mg/cmq	> 16,3	> 15
Vamp       Textile, breathable, abrasion resistant, colour black       5.5.3       Water vapour permeability coefficient       mg/cmq h       > 6,3       ≥ 2         lining       Thickness 1,2 mm       Permeability coefficient       mg/cmq       > 51,1       ≥ 20         Quarter       SANY-DRY®, breathable, abrasion resistant, colour orange and black       5.5.3       Water vapour permeability       mg/cmq       > 51,1       ≥ 20         Ining       thickness 1,2 mm       permeability coefficient       mg/cmq       > 82,8       ≥ 20         Sole       Antistatic Polyurethane/TPU directly injected in the upper:       5.8.3       Abrasion resistance (lost volume)       mm³       35       ≤ 150         Outsole:       Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.       5.8.4       Flexing resistance (cut increase)       mm       1       ≤ 4         Midsole:       Black polyurethane, low density, comfortable and anti-shock.       5.8.5       Interlayer bond strength       N/mm       > 5       ≥ 4         Adherence coefficient of the sole       5.3.5       SRA : ceramic + detergent solution – flat       0,60       ≥ 0,32         SRA : ceramic + detergent solution – heel (contact angle 7°)       0,51       ≥ 0,22				6.3.1	Water absorption		13%	≤ 30%
lining       Thickness 1,2 mm       Permeability coefficient       mg/cmq       > 51,1       ≥ 20         Quarter       SANY-DRY®, breathable, abrasion resistant, colour orange and black       5.5.3       Water vapour permeability       mg/cmq       > 10,3       ≥ 2         lining       thickness 1,2 mm       Permeability coefficient       mg/cmq       > 82,8       ≥ 20         Sole       Antistatic Polyurethane/TPU directly injected in the upper:       5.8.3       Abrasion resistance (lost volume)       mm³       35       ≤ 150         Outsole:       Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.       5.8.4       Flexing resistance (cut increase)       mm       1       ≤ 4         Midsole:       Black polyurethane, low density, comfortable and anti-shock.       5.8.5       Interlayer bond strength       N/mm       > 5       ≥ 4         Adherence coefficient of the sole       5.3.5       SRA: ceramic + detergent solution – flat       0,60       ≥ 0,32         SRA: ceramic + detergent solution – heel (contact angle 7°)       0,51       ≥ 0,28					Water penetration		0,0 g	≤ 0,2 g
QuarterSANY-DRY®, breathable, abrasion resistant, colour orange and black5.5.3Water vapour permeabilitymg/cmq h> 10,3≥ 2Iningthickness 1,2 mPermeability coefficientmg/cmq> 82,8≥ 20SoleAntistatic Polyurethane/TPU directly injected in the upper:5.8.3Abrasion resistance (lost volume)mm³35≤ 150Outsole:Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.5.8.4Flexing resistance (cut increase)mm1≤ 4Midsole:Black polyurethane, low density, comfortable and anti-shock.5.8.5Interlayer bond strengthN/mm> 5≥ 4Adherence coefficient of the sole5.3.5SRA: ceramic + detergent solution – flat SRA: ceramic + detergent solution – heel (contact angle 7°)0,51≥ 0,28	Vamp	Textile, breathable, abrasion resistant, colour black		5.5.3	Water vapour permeability	mg/cmq h	> 6,3	≥ 2
lining       thickness 1,2 mm       Permeability coefficient       mg/cmq       > 82,8       ≥ 20         Sole       Antistatic Polyurethane/TPU directly injected in the upper:       5.8.3       Abrasion resistance (lost volume)       mm³       35       ≤ 150         Outsole:       Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.       5.8.4       Flexing resistance (cut increase)       mm       1       ≤ 4         Midsole:       Black polyurethane, low density, comfortable and anti-shock.       5.8.5       Interlayer bond strength       N/mm       > 5       ≥ 4         Adherence coefficient of the sole       5.3.5       SRA : ceramic + detergent solution – flat       0,60       ≥ 0,32         SRA : ceramic + detergent solution – heel (contact angle 7°)       0,51       ≥ 0,28	lining	Thickness 1,2 mm			Permeability coefficient	mg/cmq	> 51,1	≥ 20
SoleAntistatic Polyurethane/TPU directly injected in the upper:5.8.3Abrasion resistance (lost volume)mm³35≤ 150Outsole:Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.5.8.4Flexing resistance (cut increase)mm1≤ 4Midsole:Black polyurethane, low density, comfortable and anti-shock.5.8.5Interlayer bond strengthN/mm> 5≥ 4Adherence coefficient of the sole6.4.2Hydrocarbons resistance (ΔV = volume increase)%-0,6≤ 12SRA : ceramic + detergent solution - flat SRA : ceramic + detergent solution - heel (contact angle 7°)0,51≥ 0,28	Quarter	SANY-DRY®, breathable, abrasion resistant, colour orange and black		5.5.3	Water vapour permeability	mg/cmq h	> 10,3	≥ 2
Outsole:       Ice TPU, slipping resistant, abrasion resistant and hydrocarbons resistant.       5.8.4       Flexing resistance (cut increase)       mm       1       ≤ 4         Midsole:       Black polyurethane, low density, comfortable and anti-shock.       5.8.5       Interlayer bond strength       N/mm       > 5       ≥ 4         6.4.2       Hydrocarbons resistance (ΔV = volume increase)       %       -0,6       ≤ 12         Adherence coefficient of the sole       5.3.5       SRA : ceramic + detergent solution – flat       0,60       ≥ 0,32         SRA : ceramic + detergent solution – heel (contact angle 7°)       0,51       ≥ 0,28	lining	thickness 1,2 mm			Permeability coefficient	mg/cmq	> 82,8	≥ 20
Midsole: Black polyurethane, low density, comfortable and anti-shock. 5.8.5 Interlayer bond strength N/mm > 5 $\geq 4$ 6.4.2 Hydrocarbons resistance ( $\Delta V = volume increase$ ) % -0,6 $\leq 12$ Adherence coefficient of the sole 5.3.5 SRA: ceramic + detergent solution – flat $0,60 \geq 0,32$ SRA: ceramic + detergent solution – heel (contact angle 7°) 0,51 $\geq 0,28$	Sole	Antistatic Polyurethane/TPU directly injected in the upper:		5.8.3	Abrasion resistance (lost volume)	$mm^3$	35	≤ 150
Adherence coefficient of the sole		Outsole: Ice TPU, slipping	g resistant, abrasion resistant and hydrocarbons resistant.	5.8.4	Flexing resistance (cut increase)	mm	1	≤ 4
Adherence coefficient of the sole 5.3.5 SRA : ceramic + detergent solution − flat 0,60 ≥ 0,32 SRA : ceramic + detergent solution − heel (contact angle 7°) 0,51 ≥ 0,28		Midsole: Black polyuretha	ne, low density, comfortable and anti-shock.	5.8.5	Interlayer bond strength	N/mm	> 5	≥ 4
SRA : ceramic + detergent solution – heel (contact angle 7°) <b>0,51</b> $\geq 0,28$				6.4.2	Hydrocarbons resistance ( $\Delta V$ = volume increase)	%	-0,6	≤ 12
		Adherence coefficient of the sole		5.3.5	SRA : ceramic + detergent solution - flat		0,60	≥ 0,32
ODD - start - physical - flat					SRA : ceramic + detergent solution - heel (contact angle 7°)	)	0,51	≥ 0,28
SRB: Steel + glycerol – flat $0,27$ $\geq 0,18$					SRB : steel + glycerol - flat		0,27	≥ 0,18
SRB : steel + glycerol – heel (contact angle $7^{\circ}$ ) $0,19 \ge 0,13$					SRB : steel + glycerol – heel (contact angle 7°)		0,19	≥ 0,13