PRODUCT SHEET

DACHDECKER O3 HRO SRC FO

Prod. Ref.	10500-000
Safety cat.	O3 HRO SRC FO
Range of sizes	39 - 47 (6 - 12)
Weight (sz. 9)	565 g
Shape	B
Width	11

Description: Dark grey water repellent suede leather ankle boot, suede leather lining, antistatic, anti-shock, slipping resistant, non metallic **APT Plate** midsole **Zero Perforation**

Plus: SOFT-BED footbed made of soft and scented polyurethane, antistatic, anatomic, holed, soft and comfortable. The upper layer absorb moisture and keep the foot dry. Cold and heat insulation. 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. Outsole resistant to +300°C (1 minute contact)

Suggested uses: footwear for roofworks

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	**Anti perforation midsole:** in multi-layers highly tensile fabric, penetration resistant, **Zero Perforation**	
	Antistatic shoe: the bottom is fit for the dissipation of electrostatic charges	
	Energy absorption system	
Upper	Water repellent suede leather, colour dark grey	
	thickness 1,6/1,8 mm	
Vamp lining	Suede leather, breathable, colour dark grey	
	thickness 1,0 m	
Quarter lining	Suede leather, breathable, abrasion resistant, colour dark grey	
	thickness 1,0 mm	
Sole	Antistatic polyurethane – nitrile rubber, directly injected in the upper:	
	Outsole: red nitrile rubber, slipping resistant, abrasion resistant, hydrocarbons resistant, and hot resistant.	
	Midsole: black polyurethane low density, comfortable and anti-shock.	
	Adherence coefficient of the sole	

SAFETY TECHNICAL SPECIFICATIONS

Clause EN ISO 20347:2012	Description	Unit	Cofra result	requirement
6.2.1	Penetration resistance	N	**To 1100 N no perforation**	≥ 1100
6.2.2.2	Electric resistance			
	- wet	MΩ	**145**	≥ 0.1
	- dry	MΩ	**870**	≤ 1000
6.2.4	Shock absorption	J	**36**	≥ 20
5.4.6	Water vapour permeability	mg/cmq h	**> 3,4**	≥ 0,8
	Permeability coefficient	mg/cmq	**> 34,7**	> 15
6.3.1	Water absorption		**15%**	≤ 30%
	Water penetration		**0,0 g**	≤ 0,2 g
5.5.3	Water vapour permeability	mg/cmq h	**> 3,8**	≥ 2
	Permeability coefficient	mg/cmq	**> 36,9**	≥ 20
5.5.3	Water vapour permeability	mg/cmq h	**> 4,2**	≥ 2
	Permeability coefficient	mg/cmq	**> 40,1**	≥ 20
5.8.3	Abrasion resistance (lost volume)	mm^3	**89**	≤ 150
5.8.4	Flexing resistance (cut increase)	mm	**2,5**	≤ 4
5.8.6	Interlayer bond strength	N/m	**3,5**	≥ 3
6.4.4	Hot resistance (300 °C)	----	**any melting**	any melting
6.4.2	Hydrocarbons resistance (ΔV = volume increase)	%	**+ 1,4**	≤ 12
5.3.5	SRA : ceramic + detergent solution – flat		**0,53**	≥ 0,32
	SRA : ceramic + detergent solution – heel (contact angle 7°)		**0,50**	≥ 0,28
	SRB : steel + glycerol – flat		**0,24**	≥ 0,18
	SRB : steel + glycerol – heel (contact angle 7°)		**0,21**	≥ 0,13