



## SAFETY

### EXEC S1

#### Brogue Safety footwear

Exec is broad toe, highly comfortable classical brogue safety footwear with highest slip resistance. Thanks to its lightweight design, climate-optimized high-tech materials, and ergonomically designed out sole. Exec is the ideal companion for the wearer looking for time tested brogue design.

Upper	Buff CG Leather
Sole	Double Density PU Black Outsole
Toecap	Steel
Midsole	PU
Lining	Mesh
Footbed	EVA Footbed
Safety category	EN ISO 20345 : 2011 & IS 15298 (Part 2): 2016
Sample weight	950 gm. ± 50g.   Size 8.
Size range	UK 5-12

## BUILT RELIABLE BORN TOUGH



#### GENERAL & UPPER

- BROGUE SHOE
- LEATHER UPPER
- SUPER LIGHT WEIGHT
- BREATHABLE UPPER
- LACE UP
- ODOR REDUCING

#### TOE CAP

- STEEL TOE

#### LINING

- WIDE TOE CAP
- TEXTILE LINING

#### IN SOCK

- AERATION HOLES TO REGULAR TEMPERATURE
- CUSHION HEEL & ARCH SUPPORT



#### SOLE

- BLACK OUTSOLE
- HEEL SHOCK
- RESISTANT SOLE
- ANTISTATIC
- RESISTANT SOLE
- SLIP RESISTANT



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#### Industries:

General, Engineering, Automobile, Construction

#### Environments:

Dry environment, Extreme slippery surfaces, Uneven surfaces, upto 130° c

#### Maintenance instructions:

To extend the life of your shoes, we recommend to clean them regularly and to protect them with adequate products. Do not dry your shoes on a radiator/Hair Dryer nor nearby a heat source.



Description		Measure unit	Result	IS 15298(Part 2):2016 EN ISO 20345
<b>Upper Leather</b>	Upper: Tear Strength	n/mm <sup>2</sup>	262	≥ 120
	Upper: Tensile Strength	n/mm <sup>2</sup>	26	≥ 15
	Upper: permeability to water vapor	mg/cm <sup>2</sup> /h	1.19	≥ 0.8
	Upper: water vapor coefficient	mg/cm <sup>2</sup>	17.6	≥ 15
<b>Lining</b>	<b>3D-Mesh</b>			
	Lining: permeability to water vapor	mg/cm <sup>2</sup> /h	31.1	≥ 2
	Lining: water vapor coefficient	mg/cm <sup>2</sup>	180	≥ 20
<b>Footbed</b>	<b>Footbed</b>			
	Lining: abrasion resistance	25,600 Cycles	no hole	no hole
	Footbed: abrasion resistance	cycles	450	≥ 400
<b>Outsole</b>	<b>SOLE:PUPU</b>			
	Outsole abrasion resistance (volume loss)	mm <sup>3</sup>	91	≤ 150
	Flexing resistance (30,000 cycles)	mm	no growth	≤ 4
	Upper outsole bond strength	n/mm	4.15	≥ 4.0
	Interlayer bond strength	n/mm	4.05	≥ 4.0
	Outsole slip resistance SRA: heel	friction	0.41	≥ 0.28
	Outsole slip resistance SRA: flat	friction	0.39	≥ 0.32
	Outsole slip resistance SRB: heel	friction	0.17	≥ 0.13
	Outsole slip resistance SRB: flat	friction	0.18	≥ 0.18
	Antistatic value	MegaOhm	125	0.1 - 1000
	Heel energy absorption	Joules	≥30	≥ 20
	Resistance fuel oil	%	≤ 1.6	≤ 12
<b>Toecap</b>	Hot contact at 130°C	Centigrade	No melt	No melt
	Impact resistance toecap (clearance after impact 200J)	mm	15.6	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	14.7	≥ 14

*Our shoes are constantly evolving, the technical data above may change. All product names and brand JCB, are registered and may not to be or reproduced in any format, without written consent from us.*