EXCAVATOR S1

Breathable Leather Ankle Safety Boot

Excavator is our iconic & stylish leather safety boot, offering very high wearer comfort & highest slip resistance, thanks to its lightweight design, tropicalized high-tech materials, and ergonomically designed out sole. Excavator the ideal companion for the 24X7working.

BORN TOUGH BUILT RELIABLE

Upper	Apollo leather
Sole	Double Density PU Grey Outsole
Toecap	Steel
Midsole	PU
Lining	Mesh
Footbed	EVA Footbed
Safety category	EN ISO 20345 : 2011 & IS 15298 (Part 2): 2016
Sample weight	975 gm. +- 50g. | Size 8.
Size range	UK 5-12

GENERAL & UPPER

- ANKLE BOOT (DESIGN "B")
- LEATHER UPPER
- SUPER LIGHT WEIGHT
- BREATHABLE UPPER
- LACE UP
- ODOR REDUCING

TOE CAP

- STEEL TOE (ST, 200J)
- WIDE TOE CAP

LINING

- TEXTILE LINING

IN SOCK

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

SOLE

- DOUBLE DENSITY (PU PU, GREY OUTSOLE)
- ABSORPTION (35J, HEEL SHOCK)
- RESISTANT SOLE (FUEL OIL)
- ANTISTATIC
- SOLE (130°C RESISTANT)
- SLIP RESISTANT (SRC)

JCB SAFETY FOOTWEAR

INDUSTRIAL PROFESSIONAL OCCUPATIONAL

ENGINEERED IN UK

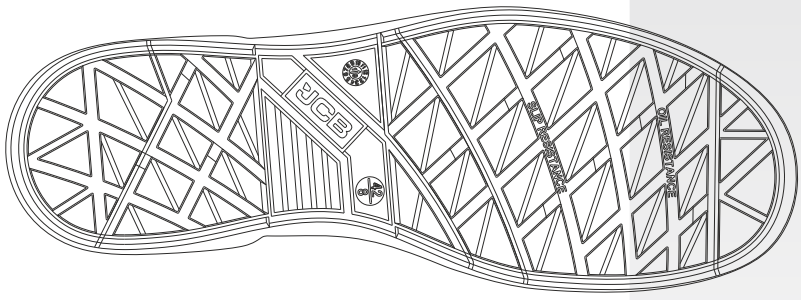
MAKE IN INDIA

IS 15298 (PART 2)
CM/L-4867488

info@jcbfootwear.in
www.jcbfootwear.in

SAFETY

EXCAVATOR S1



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
Upper Leather	Upper: Tear Strength	n/mm²	262	≥ 120
	Upper: Tensile Strength	n/mm²	26	≥ 15
	Upper: permeability to water vapor	mg/cm²/h	1.19	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	17.6	≥ 15
Lining	**3D-Mesh**			
	Lining: permeability to water vapor	mg/cm²/h	31.1	≥ 2
	Lining: water vapor coefficient	mg/cm²	180	≥ 20
	Lining: abrasion resistance	25,600 Cycles	no hole	no hole
Footbed	**Footbed**			
	Footbed: abrasion resistance	cycles	450	≥ 400
Outsole	**SOLE:PU PU**			
	Outsole abrasion resistance (volume loss)	mm³	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
NEW	Outsole slip resistance *Condition A	COF	0.60	≥ 0.31
NEW	Outsole slip resistance *Condition B	COF	0.60	≥ 0.36
NEW	Outsole slip resistance *Condition C	COF	0.38	≥ 0.19
NEW	Outsole slip resistance *Condition D	COF	0.34	≥ 0.22
	Antistatic value	MegaOhm	125	0.1 - 1000
	Heel energy absorption	Joules	≥30	≥ 20
	Resistance fuel oil	%	≤ 1.6	≤ 12
	Hot Contact at 130°C for 1 min.	Centigrade	No melt	No melt
Toecap				
	Impact resistance toecap (clearance after impact 200J)	mm	19.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	14.7	≥ 14

*As per IS 15298 (Part 2) : 2024

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