SAFETY

FASTRAC S1

Sporty Safety Footwear with Enhanced Wearer Comfort.

Fastrac is morden super light weight and highly flexible safety shoe. it offers out standing wearer comfort due to virtually seam free construction, padded collar and tongue. The innovative product is perfectly adapted to the high humid Indian atmosphere for its outstanding air exchange, low weight and optimal climate control. Standing and walking in Fastrac is highly comfortable – all day long.

Upper	Black and Yellow High Tenacity Synthetic Fiber
Sole	Single Density PU, Black Outsole
Toecap	Steel
Lining	Mesh
Footbed	EVA Footbed
Safety category	EN ISO 20345 : 2011 & IS 15298 (Part 2): 2016
Sample weight	850 gm. ± 50g. | Size 8.
Size range	UK 5-12
Option	ESD, Penetration Resistance

BORN TOUGH BUILT RELIABLE

GENERAL & UPPER

- SUPER LIGHT WEIGHT
- LACE UP
- FLYNET UPPER
- HIGHLY BREATHABLE UPPER
- VIRTUALLY SEAM FREE
- ODOR REDUCING
- FRESH SENSE
- WASHABLE UPPER

TOE CAP

- ST 200J STEEL TOE
- WIDE TOE CAP

LINING

- TEXTILE LINING

IN SOCK

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

SOLE

- SD SINGLE DENSITY
- 35J HEEL SHOCK ABSORPTION
- FUEL OIL RESISTANT SOLE
- ANTISTATIC
- 130°C RESISTANT SOLE
- SRC SLIP RESISTANT
- ESD OPTIONAL

JCB
SAFETY FOOTWEAR

INDUSTRIAL PROFESSIONAL OCCUPATIONAL

ENGINEERED IN UK

MAKE IN INDIA

info@jcbfootwear.in
www.jcbfootwear.in

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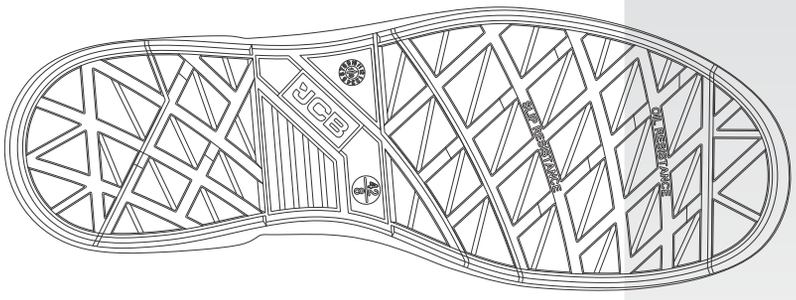

Industries:
General, Engineering, Automobile, Construction

Environments:
Hot & Humid 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. This is washable footwear.

	Description	Measure unit	Result	IS 15298(Part 2):2016 EN ISO 20345
Upper	Upper: Tear Strength	n/mm²	102	≥ 60
	Upper: permeability to water vapor	mg/cm²/h	39.1	≥ 0.8
	Upper: water vapor coefficient	mg/cm²	313.2	≥ 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	440	≥ 400
Outsole	**SOLE:PU**			
	Outsole abrasion resistance (volume loss)	mm³	159	≤ 250
	Flexing resistance (30,000 cycles)	mm	no growth	≤ 4
	Upper outsole bond strength	n/mm	4.15	≥ 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	325	0.1 - 1000
	Heel energy absorption	Joules	≥35.5	≥ 20
	Resistance fuel oil	%	≤ 2.7	≤ 12
Toecap	Hot Contact at 130°C for 1 min.	Centigrade	No melt	No melt
	Impact resistance toecap (clearance after impact 200J)	mm	19.0	≥ 14
	Compression resistance toecap (clearance after compression 15kN)	mm	14.7	≥ 14

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Comfort-Index

4.6/5

Comfort index is calculated using the
mean value of the three index values (IV)
for weight, energy absorption seat & water vapour permeability
ranging from 0 (= poor) to 5 (= perfect).

ENERGY ABSORPTION SEAT 4.5

More energy absorption, more comfortable underfoot

- Test method: ISO 20344:2011, 5.13
- Test result: 35.5

0 — 5
15 N — 40 N

WEIGHT 4.5

Lightweight feel reduces the onset of fatigue

Weight of the shoe including in-sock

- Test result:
  Weight = 425 g/odd UK 8

0 — 5
650 g — 425 g

WATER VAPOUR PERMEABILITY 4.9

Reduced perspiration for a superior foot Comfort

- Test method: ISO 20344:2011, 6.6
- Test result: 39.1mg/(cm²h)

0 — 5
0 mg/(cm ²h) — 40 mg/(cm ²h)