



# CLAWZ

## CL-01

### SAFETY SHOES CLAWZ

Clawz, the latest innovation from Hillson. Designed for those who value both fashion and functionality, Clawz offers unmatched comfort and superior slip resistance.

Crafted with lightweight, climate-optimized high-tech materials, Clawz keeps your feet cool and comfortable all day long. The ergonomically designed outsole ensures maximum support and stability, making Clawz the perfect partner for your busy workday and your adventures beyond.

Discover the perfect blend of youthful style and first-class comfort with Clawz – because you deserve shoes that work as hard as you do.



ORTHOBOUNCE  
INSOCKS



ANTI STATIC



ENERGY REBOUND  
DUAL DENSITY SOLE



STEEL TOE  
PROTECTION



IS : 15298 : PART 2



CM/L- 9512547319  
FOR BIS Certification details  
Please visit [www.bis.gov.in](http://www.bis.gov.in)



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## CL-01

### INDUSTRIES

- Construction Industry
- Engineering Industry
- Automobile Industry
- Cement Industry

### FEATURES

- Slip-Resistant
- Orthobounce Insocks
- Light Weight

### APPLICATION

General Safety at Workplace

Low  
Ankle



### Sizes

UK

5 6 7 8 9 10 11

EU

39 40 41 42 43 44 45



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## MATERIAL SPECIFICATIONS

## TYPE: DESIGN A CLASSIFICATION 1

## OPERATIVE STANDARD

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Component	Name	Technical Details	Benefits
Upper	Real Leather	Minimum 1.8 mm Real Buff leather in Tango Print	<ul style="list-style-type: none"> <li>Thickness ensures durability</li> <li>All-weather softness for flexibility</li> <li>Breathability</li> </ul>
Upper	Eyelet	Black Passivated coated	<ul style="list-style-type: none"> <li>Coating ensures Non-corrosive performance required for longevity</li> </ul>
Upper	Collar	BIS Compliance Synthetic Leather	<ul style="list-style-type: none"> <li>Fabric and cushion together enhance comfort</li> <li>Thick and High-density inside foam ensures the same level of comfort throughout shoe life</li> </ul>
Upper	Shoe Laces	Reflective Yarn	<ul style="list-style-type: none"> <li>Durable laces for long-lasting wear, ensuring a secure knot for safety.</li> <li>Reflective laces enhance visibility in low light, ensuring safety even in the dark</li> </ul>
Upper	Safety Back Loop	Reflective Loop	<ul style="list-style-type: none"> <li>Loop makes it easy to wear</li> <li>Saves the counter from damaging by disallowing wrong use</li> <li>Reflective material ensures visual in dark areas to enhance safety</li> </ul>
Upper	Safety Toe cap	EN 22568 Marked Steel toe cap	<ul style="list-style-type: none"> <li>Tested for 200j Impact resistance</li> <li>Tested for compression load resistance @15kN</li> <li>Tested for corrosion resistance</li> </ul>
Upper	Comfort Vamp Lining	Polysoft Material with Foam	<ul style="list-style-type: none"> <li>Anti Abrasive fabric ensures longevity in performance</li> <li>Comfortable inside foam reduces fatigue</li> <li>Prevents the feet to come in contact with the sharp edges of the toe cap</li> </ul>
Upper	Comfort Quarter Lining	Cushioned Fabric Lining	<ul style="list-style-type: none"> <li>The smooth silicon finish of fabric ensures the feet to slip inside smoothly</li> <li>The extra layer of cushion gives more comfort</li> <li>The wet abrasion tested fabric ensures longevity in performance</li> </ul>
Upper	Heel Grip	Non-Woven	<ul style="list-style-type: none"> <li>Holds the heel from jumping while wearing</li> <li>Restricts users from wearing the wrong way</li> </ul>
Sole	Outsole	High-Density Polyurethane	<ul style="list-style-type: none"> <li>Rubber Touch enhances anti-abrasion properties</li> <li>Cleat designed for slip resistance and quick liquid dispersion</li> </ul>
Sole	Midsole	Low-Density Polyurethane	<ul style="list-style-type: none"> <li>Low density reduces the weight</li> <li>Enhanced energy absorption at the seat region</li> <li>Low density gives rebound</li> </ul>
Sole	Insole	Non-Woven	<ul style="list-style-type: none"> <li>High level humidity absorption and evacuation</li> <li>Good dimensional stability in both dry and humid conditions</li> </ul>
Sole	Open Cell Footbed	Ortho Bounce Insocks for complete feet	<ul style="list-style-type: none"> <li>Orthobounce is a high density open cell footbed</li> <li>It gives continuous comfort, Rebound, resilience in prolonged use</li> </ul>
Sole	Heel Cup	Neoprene for heel & Arch support	<ul style="list-style-type: none"> <li>Body Balance</li> <li>Distribute body weight and pressure</li> <li>Significantly reduces fatigue</li> </ul>

## INSTRUCTIONS FOR USER

### INSTRUCTION FOR CLEANING AND DRYING:

To ensure the durability and uncompromised performance of this footwear

- ① Footwear should always be kept as clean as possible.
- ② Use a brush to remove any dust or dirt.
- ③ Footwear with leather upper should be regularly cleaned and polished with shoe polish.

Please note that footwear must be used correctly, cared for properly, and stored in a dry, ventilated condition for a good wear life and to prevent premature failure of the outsole.

### INSTRUCTION FOR STORAGE AND MAINTENANCE:

To maintain safety shoes at their best, you can keep your shoes stored in a cool and dry place

**LIMITATION:** - Footwear is not for use in fire hazard/explosion prone areas/hot contact/electric resistance purpose

## PERFORMANCE AGAINST VITAL COMPLIANCES

Component	Description	Requirement IS 15298-2:2016	Hillson Performance
Leather Upper	Upper Tear Strength (in N)	≥120	315
	Upper Tensile Strength (in N/mm <sup>2</sup> )	≥15	18.5
	Water Vapor Permeability (in mg/cm <sup>2</sup> /hr)	≥0.8	0.99
	Water Vapor Coefficient (In mg/cm <sup>2</sup> )	≥15	16.6
	Chromium VI (in mg/kg)	<3	Not Detected
Lining	Tear Strength (in N)	≥15	85N
	Abrasion resistance (No of Rubs)	Dry- No hole till 25,600 Wet- No holes till 12,800	No holes
	Water Vapor Permeability (in mg/cm <sup>2</sup> /hr)	≥2	>2
	Water Vapor Coefficient (In mg/cm <sup>2</sup> )	≥20	>20
	Heel Grip Abrasion Resistance (No of Rubs)	Dry- No hole till 51,200 Wet- No holes till 25,600	No holes
In-sock	Water Absorption (in mg/cm <sup>2</sup> )	≥70	70
	Water Desorption (in %)	≥80	100
	Abrasion resistance (No of Rubs)	Dry- No hole till 25,600 Wet- No holes till 12,800	No holes
Toe Cap	Impact Resistance (clearance in mm after impact 200J)	≥14 for size 08 & Toe cap should not crack	18 mm with no crack
	Compression Resistance (clearance in mm after compression 15kN)	≥14 for size 08	17 mm
Outsole	Abrasion Resistance (mm <sup>3</sup> )	≤150	57
	Flexing Resistance (Cut Growth in mm)	@30,000 max cut growth 4mm	No cut growth
	Upper/Sole Bond Strength (in N/mm)	≥4	4.8
	Antistatic Resistance (in Mega Ohm)	>100kohm to ≤1000Mohm	390
	Hydrolysis (Cut growth in mm)	@150,000 max cut growth 6mm	No cut growth



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