















CLAWZ CL-03

INDUSTRIES

- I Construction Industry
- I Engineering Industry
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FEATURES

Slip-Resistant Orthobounce Insocks Light Weight

APPLICATION

General Safety at Workplace



Sizes

UK















EU

























MATERIAL SPECIFICATIONS

TYPE: DESIGN A CLASSIFICATION 1

OPERATIVE STANDARD



Component	Name	Technical Details	Benefits	
Upper	Real Leather	Minimum 1.8 mm Real Buff leather in Tango Print	Thickness ensures durabilityAll-weather softness for flexibilityBreathability	
Upper	D Ring Eyelet	Black Passivated coated	Coating ensures Non-corrosive performance required for longevity	
Upper	Collar	BIS Compliance Synthetic Leather	 Fabric and cushion together enhance comfort Thick and High-density inside foam ensures the same level of comfort throughout shoe life PVC material assured anti-peel-off property throughout shoe life 	
Upper	Shoe Laces	Reflective Yarn	 Durable laces for long-lasting wear, ensuring a secure knot for safety. Reflective laces enhance visibility in low light, ensuring safety even in the dark 	
Upper	Safety Back Loop	Reflective Loop	 Loop makes it easy to wear Saves the counter from damaging by disallowing wrong use Reflective material ensures visual in dark areas to enhance safety 	
Upper	Safety Toe cap	EN 22568 Marked Steel toe cap	 Tested for 200j Impact resistance Tested for compression load resistance @15kN Tested for corrosion resistance 	
Upper	Comfort Vamp Lining	Polysoft Material with Foam	 Anti Abrasive fabric ensures longevity in performance Comfortable inside foam reduces fatigue Prevents the feet to come in contact with the sharp edges of the toe cap 	
Upper	Comfort Quarter Lining	Cushioned Fabric Lining	 The smooth silicon finish of fabric ensures the feet to slip inside smoothly The extra layer of cushion gives more comfort The wet abrasion tested fabric ensures longevity in performance 	
Upper	Heel Grip	Non-Woven	 Holds the heel from jumping while wearing Restricts users from wearing the wrong way 	
Sole	Outsole	High-Density Polyurethane	 Rubber Touch enhances anti-abrasion properties Cleat designed for slip resistance and quick liquid dispersion 	
Sole	Midsole	Low-Density Polyurethane	 Low density reduces the weight Enhanced energy absorption at the seat region Low density gives rebound 	
Sole	Insole	Non-Woven	 High level humidity absorption and evacuation Good dimentional stability in both dry and humid conditions 	
Sole	Open Cell Footbed	Ortho Bounce Insocks for complete feet	 Orthobounce is a high density open cell footbed It gives continuous comfort, Rebound, resilience in prolonged use 	
Sole	Heel Cup	Neoprene for heel & Arch support	 Body Balance Distribute body weight and pressure Significantly reduces fatigue 	



INSTRUCTIONS FOR USER

INSTRUCTION FOR CLEANING AND DRYING:

To ensure the durability and uncompromised performance of this footwear

- Footwear should always be kept as clean as possible.
- 2 Use a brush to remove any dust or dirt.
- Sootwear 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:

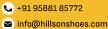
To maintain safety shoes at their best, you can keep your shoes stored in a cool and dry place **LIMITATION:** - Footwear is not for use in fire hazard/explosion prone areas/hot contact/electric resistance purpose

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/mm2)	≥15	18.5
	Water Vapor Permeability (in mg/cm2/hr)	≥0.8	0.99
	Water Vapor Coefficient (In mg/cm2)	≥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/cm2/hr)	≥2	>2
	Water Vapor Coefficient (In mg/cm2)	≥20	>20
	Heel Grip Abrasion Resistance (No of Rubs)	Dry- No hole till 51,200	No holes
		Wet- No holes till 25,600	
In-sock	Water Absorption (in mg/cm2)	≥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 (mm3)	≤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







HILLSON FOOTWEAR PVT. LTD.