



EN ISO 20345:2011


**POLAR**  
**EMPIRE**  
**88169-00L**
**S3 HRO HI WR CI SRC**
**Size:** 38-48  
**Weight:** 850 gr.

**Fit:** 11

**Working Environment:**  
 Building, Farming and Gardening,  
 Mountains, Cold places

**FEATURES**
**UPPER**

 Full Grain-Anilina Leather-Hydro  
 1,8-2,0 mm  
 Full Grain leather Hydro  
 Reflex insert

**LINING**

 3D Air circulation 320 gr.  
 GenuineWool Polar

**ANTISLIP LINING**

DUALMICRO

**INSOLE**

Dual insulation 2.0

**TOE CAP**

Fiber cap SXT

**RESISTANCE TO PERFORATION**

KX Antiperforation PS

**TYPE**

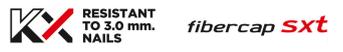
Winter boots

**SOLE**
**PU-RUBBER VIBRAM-HRO-SRC**

 Sole resistant to 300°C by contact.  
 With scaff cap and compound  
 designed with VIBRAM for stability  
 and grip performance. Outsole  
 designed to strike the ground  
 better and to improve self-  
 cleaning. With anti-wear scaff cap.

**TECHNOLOGIES**
**Removable Insole**

 The ideal insole in recycled material  
 for footwear with "CI" cold protection.  
 The presence of felt with an  
 "aluminized" film for bottom  
 insulation keeps the foot dry and  
 warm.

**Protection elements**

 Composite toe cap with fiberglass.  
 Resistant to over 200J. Non metal  
 perforation resistant insert to over  
 1100 N with a 3.0 mm truncated cone  
 nail. Protection over the entire sole of  
 the foot. Flexible and comfortable

**Lateral stability**

 Ergonomic rigid internal structure. It  
 houses the heel into the right seat,  
 adjusting the foot support and control  
 of the ankle sideways movements. It  
 keeps the foot tight to the shoe,  
 allowing the perfect fit.

**Torsional stability**

 Support made of rigid plastic  
 material. It stabilizes the heel bone,  
 the instep and tarsal joints, without  
 altering energy absorption. A support  
 for the natural movement of the foot;  
 it provides comfort and greater  
 stability.

**Electrical features**

 Wire Electricity Discharge  
 Strip with 4 filaments of carbon fiber,  
 ensuring proven anti-static properties  
 of the footwear over time.

**Other**

 The HDry membrane is hydrophilic  
 with high perspiration capacity. It  
 guarantees high performance and  
 durability, facilitating the  
 maintenance of ideal conditions and  
 comfort for the user.

**SRC (SRA+SRB)**


		SOLE 88 PU - RUBBER	
SRA CERAMIC + DETERGENT SOLUTION	FLAT ≥0.32	0.34	
	HEEL (CONTACT ANGLE °) ≥0.28	0.31	
SRB STEEL + GLYCEROL	FLAT ≥0.18	0.19	
	HEEL (CONTACT ANGLE °) ≥0.13	0.15	

EN ISO 20344:2011