

WINTER S3 CI HI WR HRO

HR011L

CE UNI EN ISO 20345:2012 S3 CI HI WR HRO SRC

Calf boot, IDROTECH® WRU full grain leather thickness 1,8-2,0 mm, with refracting insert.

Lining in felt with antibacterial aluminum WinTherm® safety microfilm and ANTICOLD perspiring and abrasion resistant fur.

COMPLETELY METAL FREE BOOT

TOECAP 200J polymeric **composite non-thermic** according to EN 12568

MIDSOLE flexible antiperforation composite fabric according to EN 12568

SOLE HARD ROCK ANTISTATIC bidensity polyurethane and antistatic **RUBBER**.

Sole resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping **SRC**

INSOLE 5000, three-materials extracomfort:

perspiring, removable, anatomic, absorbing, ESD and anti-bacterial.

CI cold insulation of sole complex -30°C

HI heat insulation of sole complex

WR water resistant shoe

HRO resistance to hot contact of the outsole

Boot height sole included 28 cm

Size 39-47 Boot weight Sz 42 gr. 740



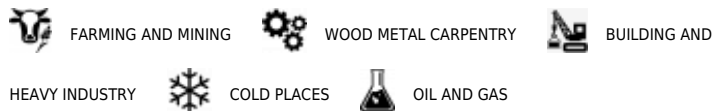
CERTIFICATIONS



TECHNOLOGIES AND MATERIALS



SECTORS



SOLE



Hard Rock Antistatic is a shoe born to face the most extreme working conditions thanks to its rubber outsole. It has been studied to assure the maximum resistance to the most difficult weather conditions (from -30°C to 300°C) and the maximum protection against external cutting bodies (ex. slippers, etc.). Also uppers have been studied to face the most difficult working situations and for this reason the materials comply with the most advanced heat-insulating and water-repellent technologies.

ANTISLIPPING TEST RESULTS

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SRC ANTI-SLIPPING SOLE		
SRA ceramic + NaLS	HEEL >= 0,28 FLAT >= 0,32	0,48 0,44
SRB steel + glycerol	HEEL >= 0,13 FLAT >= 0,18	0,22 0,20

PLUS



IDROTECH®

IDROTECH® is a leather treatment with the aim to optimize the water resistance and the foot perspiration. This particular tanning method, thanks to the used mineral salts, gives an excellent softness and a complete mechanical resistance to oils and hydrocarbons. The IDROTECH® leather is certified according to the norms ISO 4045, ISO 17075 and ISO 5403.



WINTHERM®

WINTHERM® SAFETY guarantees the insulation from cold of the body through the usage of two specific materials: this fibres of felt keeping the air inside the shoe and a layer of aluminium that reflects and holds the internal heat of the foot. This antibacterial material guarantees the highest breathability, permeability and water vapor coefficient foreseen by the regulation UNI EN ISO 20345.