

# MAKALU S3 CI WR

3C058G

CE UNI EN ISO 20345:2012 S3 CI WR SRC

High safety shoe, IDROTECH® WRU oiled grain leather thickness 1,8-2,0 mm, with refracting fabric insert.  
Heel with IDROTECH® WRU grain Nubuck leather thickness 1,8-2,0 mm.  
Soft Windtex® water resistant membrane lining, with very good perspiration and abrasion resistance.  
Soft, lined and padded tongue.

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

**MIDSOLE flexible antiperforation composite fabric** according to EN 12568

**SOLE 3CROSS** three-densities polyurethane antistatic, resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping **SRC**

**ANTITORSION** insert in the sole to assure stability on uneven ground

**CI** cold insulation of sole complex -17°C

**WR** water resistant shoe

**INSOLE MEMORY**, three-materials extracomfort insole with soft latex Memory no-stress in the heel zone and in the bending point, resistant to the body pressure.

Perspiring, removable, anatomic, absorbing, antistatic and antibacterial

**THIS PRODUCT COMPLIES WITH THE REQUIREMENTS OF THE STANDARD ASTM F2413-18:**

- Impact resistant footwear (I)
- Compression resistant footwear (C)
- Puncture Resistant Footwear (PR)

**Size 38-47 Shoe weight Sz 42 gr. 615**

## SOLE



3Cross is a square-shaped, dynamic and vibrant footwear. This has been designed for those working outdoors on irregular surfaces. 3Cross belongs to the 3D generation. This shoe therefore has 3 different PU injected layers with relative densities, each specialized to maximize comfort, anti-slip and foot stability. Some of these models are also equipped with an antitorsion insert to guarantee further support to the foot at every step.

## ANTISLIPPING TEST RESULTS

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<b>SRA</b> ceramic + NaLS	<b>HEEL</b> >= 0,28 <b>FLAT</b> >= 0,32	<b>0,53</b> <b>0,48</b>
<b>SRB</b> steel + glycerol	<b>HEEL</b> >= 0,13 <b>FLAT</b> >= 0,18	<b>0,22</b> <b>0,22</b>



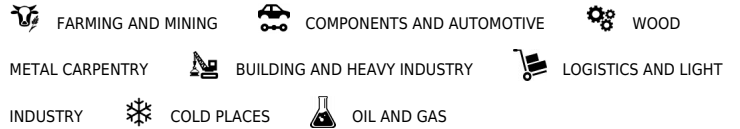
## CERTIFICATIONS



## TECHNOLOGIES AND MATERIALS



## SECTORS



## PLUS



### WINDTEX®

Windtex® is an innovative membrane that blocks wind and water, by guaranteeing at the same time a homogeneous transpiration of the foot. The degree of transpiration of Windtex® together with windproof property, allow the maintenance of microclimate of the shoe. This membrane, with technology Aegis®, builds and antimicrobial barrier against unpleasant odors, fungi and other microorganisms.



### 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.



### ANTI TORSION

The usage of the anti-torsion shank is finalized to give to the shoe extreme stability on every ground. Mostly indicated for the building sector, where the risks caused by uneven and wet grounds are higher, this technology is very useful for people working on ladders (painters, windows' cleaners, bricklayers) as it increases the stability in the central part of the plant, the mostly stand area on the ladder. It limits the heel stress and helps plant arch and ankle.



### 3D TRIPLA DENSITA' INIETTATA

3D is a revolutionary certified technology that offers the only shoe with three different layers of polyurethane injected. The most external section, with hard mix, offers the maximum resistance for the surface contact and perfect SRC performances. The middle part, with a softer mix, assures comfort when walking. The higher section, next to the upper, guarantees better stability to

the foot. Three densities and the combination of three colors are the special characteristics of this new shoes generation.



#### **MEMORY FOAM INSOLE**

The MEMORY FOAM insole guarantees an excellent comfort thanks to the innovative material of which it is made, which allows it to adapt to the shape of the foot. This, in addition to making walking more pleasant, supports posture, improves the fit of the shoe and distributes the body weight better. Moreover, this stabilizes the foot and reduces the impact with the ground, absorbing shocks and guaranteeing an excellent shock absorber.