



**MANUFACTURERS OF SAFETY  
FOOTWEAR SINCE 1971**



**United in diversity and strong enthusiasm in producing safety shoes, AVS Group (AVS International Pvt. Ltd.) joins hands with Giasco Safety Shoes, est. in 1971, where we propose us on the national and international market, with Giasco's authentic offering under "Made in Italy" certified products for the protection and wellness of the foot. Our goal is to provide our dealers shoes forefront in terms of technology and comfort, capable of providing workers with full protection from all the dangers present in the various work situations, thus ensuring complete security. We always pay attention to ethics, design, technology and innovation; we work actively to guarantee the complete satisfaction of the customer. It is precisely, the quality of the product offered, the extreme attention to care and the efficiency and timeliness of services that allow us today to be among the industry leaders in more than 90 countries.**

**AVS is a globally renowned brand, a Multinational Company, that has been in multichannel business for more than a decade now. The story of AVS began in 2006, in Agra, the city of Taj Mahal – a land where the domestic industries of leather and handicrafts have good fame worldwide, when Lt. Col. Vijay Tomar, founder of AVS and an Ex-Indian Army Officer, sworn to turn his dream of running a business of exports, into reality. Being a 5 Times National Award and Leather Quality Award Winning company, globally D&B Certified & CRISIL Certified, MSME Registered we have built credibility. With the support of the Government of India, EXIM Chamber and Financial back up, we have been dealing in international business of exports and 100% secured transactions till date. Our global presence can be traced through our offices located in Ghana and Kenya, whereas our associates in Nigeria, Sri Lanka, France, Czech Republic and Dubai.**

**AVS's inception began as an Original Equipment Manufacturer (OEM) & a global supplier of specialized footwear and leather products, where we manufacture more than 300 Thousand Shoes Per Year, and over the tenure of 10 years and have expanded into different business verticals. Our history goes back in time where we took our first global order for a French Company – Stock American for safety shoes, and we knew, our business had taken flight! Being a leading industrial, military and safety footwear manufacturer and supplier we believe in delivering excellent the protective capabilities products. Our products go through a regular quality control check by seasoned professionals which enables us to monitor consistency in production of a particular order.**





#### HARD ROCK ANTISTATIC PU

## ALPI S3 CI HI WR HRO HR058G

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

High shoe, IDROTECH® WRU oiled grain leather thickness 1,8-2,0 mm, with refracting insert.

Nubuck IDROTECH® WRU grain leather thickness 1,8-2,0 mm, heel area. Soft, Windtex® water resistant membrane lining, with very good perspiration and abrasion resistance.

Soft, lined and padded tongue.

Shoe with fast device.

**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 -17°C

**HI** heat insulation of sole complex

**WR** water resistant shoe

**HRO** resistance to hot contact of the outsole

Size 37-47 Shoe weight Sz 42 gr. 610

#### MATERIALS



#### TECHNOLOGIES



#### FAST DEVICE

#### 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 -35°C to 300°C) and the maximum protection against external cutting bodies (ex. slipperies, 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.

#### PLUS



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.

#### ANTISLIPPING TEST RESULTS



VERY GOOD

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



3CROSS

## ANETO S3

3C1910

CE UNI EN ISO 20345:2012 S3 SRC

Low shoe, MICROWASH thickness 1,8-2,0 mm.

Highly perspiring and abrasion resistant fabric lining.

Shoe with refracting fabric insert.

Soft, lined and padded tongue.

**COMPLETELY METAL FREE SHOE**

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

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

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

**ANTI TORSION** insert in the sole to assure stability on uneven ground

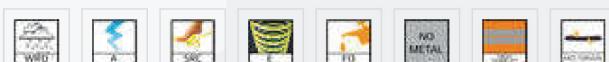
**INSOLE MEMORY**, three-materials extracomfort insole with soft latex Memory no-stress in the heel zone and in the bending point, resistant to the body pressure. Perspiring, removable, anatomic, absorbing, antistatic and antibacterial.

**Size 36-47 Shoe weight Sz 42 gr. 510**

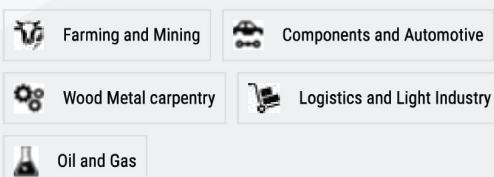
### MATERIALS



### TECHNOLOGIES



### SECTORS



### 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.

### PLUS



**MICRO WASH** is a Chrome free material finished with perspiring polyurethanes.

Very light and perspiring, it is suitable for alimentary et hospital sectors.

It is also studied for people wearing the shoes for a lot of hours on wet surfaces.

It resists to acids, mostly oleic acid.

It is washable with water and neutral soap at 40°.

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 standed area on the ladder.

It limits the heel stress and helps plant arch and ankle.



HARD ROCK ANTISTATIC PU

## CAIRO S3 CI HI HRO HR068D

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

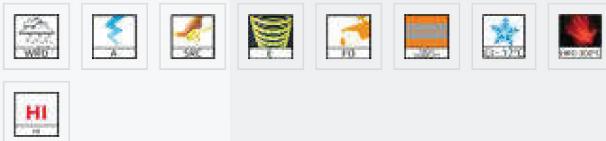
High shoe, WRU back leather thickness 1,8-2,0 mm.  
Perspiring and abrasion resistant fabric lining.  
Shoe with refracting fabric insert.  
Soft, lined and padded tongue.

**TOECAP 200J** polymeric composite non-thermic according to EN 12568  
**MIDSOLE** flexible antiperforation composite fabric according to EN 12568  
**SOLE 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 4000**, removable, anatomic, absorbing, antistatic and perspiring  
**CI** cold insulation of sole complex -17 °C  
**HI** heat insulation of sole complex  
**HRO** resistance to hot contact of the outsole  
Size 39-47 Shoe weight Sz 42 gr. 585

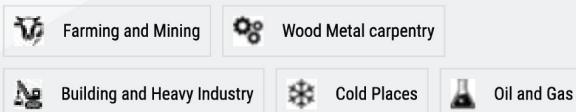
### MATERIALS



### TECHNOLOGIES



### 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 -35°C to 300°C) and the maximum protection against external cutting bodies (ex. slipperies, 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.

### PLUS

### ANTISLIPPING TEST RESULTS

SRC ANTI-SLIPPING SOLE		VERY GOOD
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



#### ACTION

## CAMBRIDGE S3 AC068D

CE UNI EN ISO 20345:2012 S3 SRC

High shoe, WRU back leather thickness 1,8-2,0 mm.  
Perspiring and abrasion resistant fabric lining.  
Shoe with refracting fabric insert.  
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 ACTION** bidensity polyurethane antistatic, resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping **SRC**  
**INSOLE 4000**, removable, anatomic, absorbing, antistatic and perspiring.  
Size 36-51 Shoe weight Tg 42 gr. 615

#### MATERIALS



#### TECHNOLOGIES



#### SECTORS



#### SOLE



Action is a shoe studied for external jobs, with soft lines making it very light and comfortable.

#### PLUS

#### ANTISLIPPING TEST RESULTS

## SRC ANTI-SLIPPING SOLE

<b>SRA</b> ceramic + NaLS	HEEL >= 0,28 FLAT >= 0,32	0,39 0,36
<b>SRB</b> steel + glycerol	HEEL >= 0,13 FLAT >= 0,18	0,26 0,22



#### STABILE

## DEFENDER S3 CI WR AN

T0159D

CE UNI EN ISO 20345:2012 S3 CI WR AN SRC

High shoe, WRU back leather thickness 1,8 - 2,0 mm.  
Highly perspiring and abrasion-resistant fabric lining. Soft Windtex® water resistant membrane lining, with very good perspiration and abrasion resistance.

Shoe with refracting fabric insert.  
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 STABILE** bidensity polyurethane antistatic, resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping **SRC**

**ANTI TORSION** insert in the sole to assure stability on uneven ground

**INSOLE 5000, three-materials extracomfort:** perspiring, removable, anatomic, absorbing, ESD and anti-bacterial

**CI** insulated surface against cold -17°C

**WR** water resistant shoe

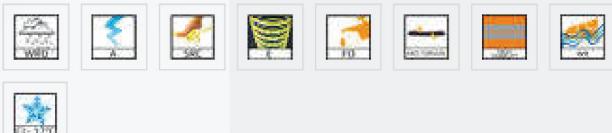
**AN** ankle protection

Size 39-47 Shoe weight Sz 42 gr. 710

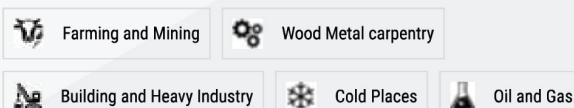
#### MATERIALS



#### TECHNOLOGIES



#### SECTORS



#### SOLE



**Stabile** is the comfortable alternative to the classic and "heavy" shoe for building sector.

This sole is highly performing with specific dowels, with dimensions and shapes to assure the maximum **stability**, with self-cleaning drainage channels to assure a perfect cleaning and with a soft compound to isolate the foot to the continuous **shocks**.

Line studied with a lot of attention to the technology of uppers and lightness of the materials.

#### PLUS



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.



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 standed area on the ladder.

It limits the heel stress and helps plant arch and ankle.

#### ANTISLIPPING TEST RESULTS



VERY GOOD

SRA ceramic + NalS	HEEL >= 0,28 FLAT >= 0,32	0,42 0,44
SRB steel + glycerol	HEEL >= 0,13 FLAT >= 0,18	0,20 0,18



HARD ROCK INSULATING PU

## EDISON SB FO E P CI HI WRU HRO HRD060D

CE UNI EN ISO 20345:2012 SB FO E P CI HI WRU HRO SRC

High shoe, WRU back leather and heel in anti-scratch leather thickness 1,8-2,0 mm, with refracting fabric insert.

Perspiring and abrasion resistant fabric lining.

Soft, lined and padded tongue.

**COMPLETELY METAL FREE SHOE**

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

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

**SOLE HARD ROCK INSULATING** bidensity polyurethane and **INSULATING RUBBER** resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping **SRC**

– **The bottom of the shoe**, within some limits (no humidity, it doesn't concern the upper), offers electrical resistance against tension up to 1.000V - MΩ > 1.000

– **Electrical resistance:** CSA Z195-14 Canadian standard increase 1 kV/sec voltage 20.000V /60 Hz duration 1 minute

– **Electrical resistance:** ASTM F2413-11 standard increase 1 kV/sec voltage 20.000V/60 Hz duration 1 minute

Electric flow requirement less than 1,0 mA

**DIELECTRIC INSOLE**, removable, anatomic, absorbing, insulating and perspiring

**FO** sole resistance to hydrocarbons

**E** energy absorption on seat region

**P** antiperforation midsole

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

**HI** heat insulation of sole complex

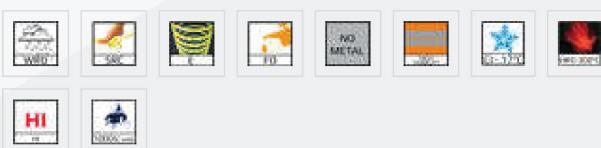
**HRO** resistance to hot contact of the outsole

**Size 37-47 Shoe weight Sz 42 gr. 625**

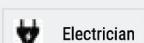
### MATERIALS



### TECHNOLOGIES



### SECTORS



### SOLE



**Hard Rock Dielectric** is the specific shoe for people who work with **electrical cables** and are more exposed to a danger of electrocution.

This is possible thanks to the **rubber** compound of the shoe which assures a complete protection from the discharges from the ground.

Thanks to these specific materials we obtained 3 important sector certifications: canadian (**C.S.A. Z195-14**), and american (**ASTM 2413-11**) for the electrical resistance to 20.000V for 1 minute; the European one for the electrical resistance more than 1000MQ.

### ANTISLIPPING TEST RESULTS



**VERY GOOD**

**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



#### STABILE

## HANNOVER S3 CI WR T0169N

CE UNI EN ISO 20345:2012 S3 CI WR SRC

High shoe, IDROTECH® WRU grain Nubuck leather thickness 1,8-2,0 mm. Inserts with WRU anti-scratch back leather thickness 1,8-2,0 mm. Soft, Windtex® water resistant membrane lining, with very good perspiration and abrasion resistance.

Shoe with refracting fabric insert.

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 STABILE** bidensity polyurethane antistatic, resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping **SRC**

**ANTI TORSION** insert in the sole to assure stability on uneven ground

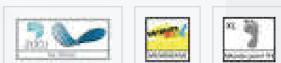
**CI** insulated surface against cold -17°C

**WR** water resistant shoe

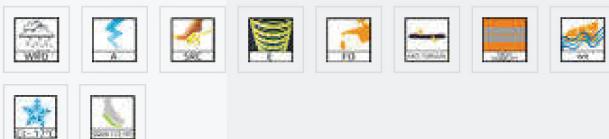
**INSOLE 5000, three-materials extracomfort:** perspiring, removable, anatomic, absorbing, ESD and anti-bacterial

**Size 39-47 Shoe weight Sz 42 gr. 715**

#### MATERIALS



#### TECHNOLOGIES



#### SECTORS



#### SOLE



**Stabile** is the comfortable alternative to the classic and "heavy" shoe for building sector.

This sole is highly performing with specific dowels, with dimensions and shapes to assure the maximum **stability**, with self-cleaning drainage channels to assure a perfect cleaning and with a soft compound to isolate the foot to the continuous **shocks**.

Line studied with a lot of attention to the technology of uppers and lightness of the materials.

#### PLUS



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.



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 stood area on the ladder.

It limits the heel stress and helps plant arch and ankle.

#### ANTISLIPPING TEST RESULTS

SRC ANTI-SLIPPING SOLE		
VERY GOOD		
SRA ceramic + NaLS	HEEL >= 0,28 FLAT >= 0,32	0,42 0,44
SRB steel + glycerol	HEEL >= 0,13 FLAT >= 0,18	0,20 0,18



3CROSS

## K2 S3 CI

3C149E

CE UNI EN ISO 20345:2012 S3 CI SRC

High shoe, anti-scratch back leather WRU thickness 1,8-2,0 mm.

Highly perspiring and abrasion resistant fabric lining.

Reinforced heel area STABILITY SUPPORT in PU.

Shoe with refracting fabric insert. Soft, lined and padded tongue.

**COMPLETELY METAL FREE SHOE**

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

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

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

**ANTI TORSION** insert in the sole to assure stability on uneven ground

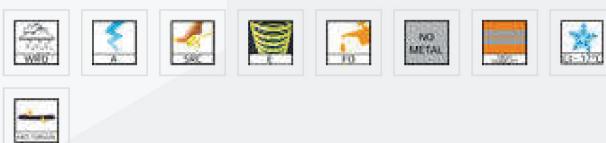
**INSOLE MEMORY**, three-materials extracomfort insole with soft latex Memory no-stress in the heel zone and in the bending point, resistant to the body pressure. Perspiring, removable, anatomic, absorbing, antistatic and antibacterial.

**Size 39-47 Shoe weight Sz 42 gr. 585**

### MATERIALS



### TECHNOLOGIES



### SECTORS



### 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.

### PLUS



The Zero Abrasion technology is an anti-scratch leather, finished with a polyurethane multi-layer, that assures a complete protection of the upper against usury and abrasion.

Highly resistant to water and oils, this leather is suitable for people who like wearing always clean and nice shoes even after months of usage.



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 stood area on the ladder.

It limits the heel stress and helps plant arch and ankle.



#### ACTION

## KENT S3

AC061D

CE UNI EN ISO 20345:2012 S3 SRC

Low shoe, WRU back leather thickness 1,8-2,0 mm.

Perspiring and abrasion resistant fabric lining.

Shoe with refracting fabric insert.

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 ACTION** bidensity polyurethane antistatic, resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping **SRC**

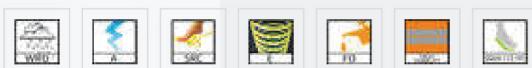
**INSOLE 4000**, removable, anatomic, absorbing, antistatic and perspiring.

Size 36-51 Shoe weight Tg 42 gr. 595

#### MATERIALS



#### TECHNOLOGIES



#### SECTORS



#### SOLE



Action is a shoe studied for external jobs, with soft lines making it very light and comfortable.

#### ANTISLIPPING TEST RESULTS

## SRC

ANTI-SLIPPING SOLE

SRA ceramic + NaLS	HEEL >= 0,28 FLAT >= 0,32	0,39 0,36
SRB steel + glycerol	HEEL >= 0,13 FLAT >= 0,18	0,26 0,22

#### PLUS



#### HARD ROCK ANTISTATIC PU

## KIEL S3 CI HI WR HRO HR058L

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

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

Heel area with WRU anti-scratch back 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 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 -17°C

**HI** heat insulation of sole complex

**WR** water resistant shoe

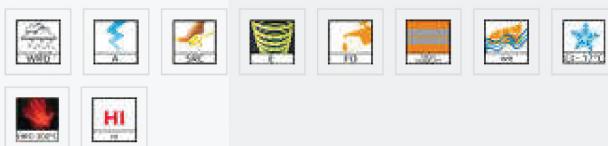
**HRO** resistance to hot contact of the outsole

Size 37-48 Shoe weight Sz 42 gr. 610

#### MATERIALS



#### TECHNOLOGIES



#### 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 -35°C to 300°C) and the maximum protection against external cutting bodies (ex. slipperies, 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.

#### PLUS



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.

#### ANTISLIPPING TEST RESULTS



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



#### STABILE

## KOLN S3 CI WR T0058L

CE UNI EN ISO 20345:2012 S3 CI WR SRC

High shoe, IDROTECH® WRU full grain leather thickness 1,8-2,0 mm, with refracting insert. Heel area with WRU anti-scratch back 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 STABILE bidensity polyurethane antistatic, resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping SRC

ANTI TORSION insert in the sole to assure stability on uneven ground

CI insulated surface against cold -17°C

WR water resistant shoe

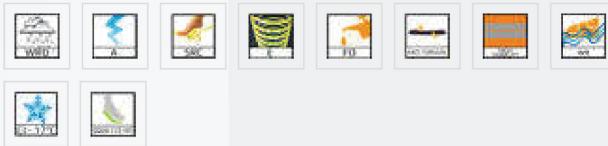
INSOLE 5000, three-materials extracomfort: perspiring, removable, anatomic, absorbing, ESD and anti-bacterial

Size 39-47 Shoe weight Sz 42 gr. 655

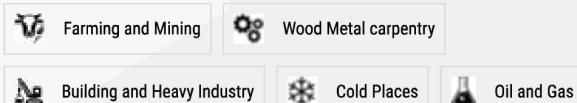
#### MATERIALS



#### TECHNOLOGIES



#### SECTORS



#### SOLE



**Stabile** is the comfortable alternative to the classic and "heavy" shoe for building sector.

This sole is highly performing with specific dowels, with dimensions and shapes to assure the maximum **stability**, with self-cleaning drainage channels to assure a perfect cleaning and with a soft compound to isolate the foot to the continuous **shocks**.

Line studied with a lot of attention to the technology of uppers and lightness of the materials.

#### PLUS



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.



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 stood area on the ladder.

It limits the heel stress and helps plant arch and ankle.

#### ANTISLIPPING TEST RESULTS

SRC ANTI-SLIPPING SOLE		
VERY GOOD		
SRA ceramic + NaLS	HEEL >= 0,28 FLAT >= 0,32	0,42 0,44
SRB steel + glycerol	HEEL >= 0,13 FLAT >= 0,18	0,20 0,18



3CROSS

## MAKALU S3 CI WR

3C058G

CE UNI EN ISO 20345:2012 S3 CI WR SRC

High 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. Shoe with fast device.

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

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

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

**ANTI TORSION** insert in the sole to assure stability on uneven ground

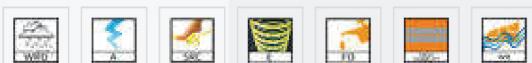
**INSOLE MEMORY**, three-materials extracomfort insole with soft latex Memory no-stress in the heel zone and in the bending point, resistant to the body pressure. Perspiring, removable, anatomic, absorbing, antistatic and antibacterial.

Size 38-47 Shoe weight Sz 42 gr. 615

### MATERIALS



### TECHNOLOGIES



### SECTORS



### 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.

### PLUS



**IDROTECH**



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® 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.

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 stood area on the ladder.

It limits the heel stress and helps plant arch and ankle.



HARD ROCK ANTISTATIC PU

## QUEBEC S3 CI HI WR HRO HR178E

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

Calf boot, WRU anti-scratch leather thickness 1,8-2,0 mm.  
Soft Windtex® water resistant membrane lining, with very good perspiration and abrasion resistance.

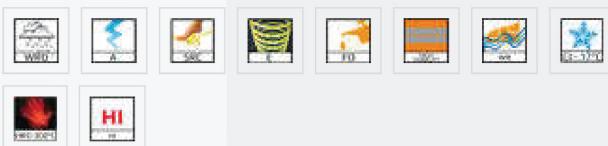
Boot with refracting fabric insert.  
Soft, lined and padded tongue.

**TOECAP 200J** polymeric composite non-thermic according to EN 12568  
**MIDSOLE** flexible antiperforation composite fabric according to EN 12568  
**SOLE 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 -17°C  
**HI** heat insulation of sole complex  
**WR** water resistant shoe  
**HRO** resistance to hot contact of the outsole  
Boot height sole included 23 cm  
Size 39-47 Boot weight Sz 42 gr. 750.

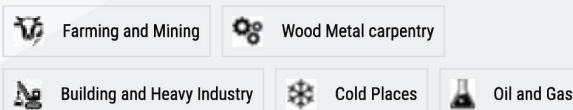
### MATERIALS



### TECHNOLOGIES



### 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 -35°C to 300°C) and the maximum protection against external cutting bodies (ex. slipperies, 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.

### PLUS



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.



The Zero Abrasion technology is an anti-scratch leather, finished with a polyurethane multi-layer, that assures a complete protection of the upper against usury and abrasion.

Highly resistant to water and oils, this leather is suitable for people who like wearing always clean and nice shoes even after months of usage.

### ANTISLIPPING TEST RESULTS

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



3CROSS

## THOMSON SB FO E P CI WRU 3C060D

CE UNI EN ISO 20345:2012 SB FO E P CI WRU SRC

High shoe, WRU back leather and heel with anti-scratch back leather thickness 1,8-2,0 mm., with refracting fabric insert.

Perspiring and abrasion resistant fabric lining.

Soft, lined and padded tongue.

**COMPLETELY METAL FREE SHOE**

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

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

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

- The bottom of the shoe, within some limits (no humidity, it doesn't concern the upper), offers electrical resistance against tension up to 1.000V -  $M\Omega > 1.000$

- Electrical resistance: CSA Z195-14 Canadian standard increase 1 kV/sec voltage 20.000V /60 hz duration 1 minute
- Electrical resistance: ASTM F2413-11 standard increase 1 kV/sec voltage 20.000V/60 Hz duration 1 minute

Electric flow requirement less than 1,0 mA

**ANTI TORSION** insert in the sole to assure stability on uneven ground

**INSOLE DIELECTRIC**, removable, anatomic, absorbing, insulating and perspiring

**FO** sole resistance to hydrocarbons

**E** energy absorption on seat region

**P** antiperforation midsole

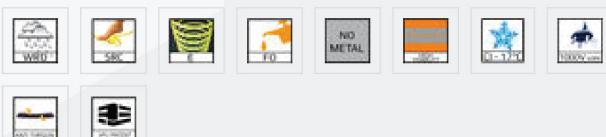
**CI** cold insulation of sole complex -17°C

**Size 38-47 Shoe weight Sz 42 gr 600**

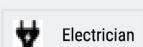
### MATERIALS



### TECHNOLOGIES



### SECTORS



### 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.

### PLUS



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 stood area on the ladder.

It limits the heel stress and helps plant arch and ankle.



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.



3CROSS

## TRIVOR S3

3C1980

CE UNI EN ISO 20345:2012 S3 SRC

High shoe, MICROWASH thickness 1,8-2,0 mm.

Perspiring and abrasion resistant fabric lining.

Shoe with refracting fabric insert.

Soft, lined and padded tongue.

**COMPLETELY METAL FREE SHOE**

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

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

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

**ANTI TORSION** insert in the sole to assure stability on uneven ground

**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.

Size 36-47 Shoe weight Sz 42 gr. 540

### MATERIALS



### TECHNOLOGIES



### SECTORS



### 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 **antitorison** insert to guarantee further support to the foot at every step.

### PLUS



**MICRO WASH** is a Chrome free material finished with perspiring polyurethanes.

Very light and perspiring, it is suitable for alimentary et hospital sectors.

It is also studied for people wearing the shoes for a lot of hours on wet surfaces.

It resists to acids, mostly oleic acid.

It is washable with water and neutral soap at 40°.



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 standed area on the ladder.

It limits the heel stress and helps plant arch and ankle.



#### ACTION

## VERDI S3 AC880BP

CE UNI EN ISO 20345:2012 S3 SRC

High shoe, water-resistant WRU leather thickness 1,8-2,0 mm.

Perspiring and abrasion resistant fabric lining.  
Shoe with refracting fabric insert.

Lined and padded tongue.

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

**MIDSOLE antiperforation steel** according to EN 12568

**SOLE ACTION** bidensity polyurethane antistatic, resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping **SRC**

**INSOLE 1000**, in high density and open cells latex foam.

Absorbing, antistatic and perspiring

**Size 36-49 Shoe weight Sz 42 gr. 550**

#### MATERIALS



#### TECHNOLOGIES



#### SECTORS



#### SOLE



**Action** is a shoe studied for external jobs, with soft lines making it very light and comfortable.

#### ANTISLIPPING TEST RESULTS

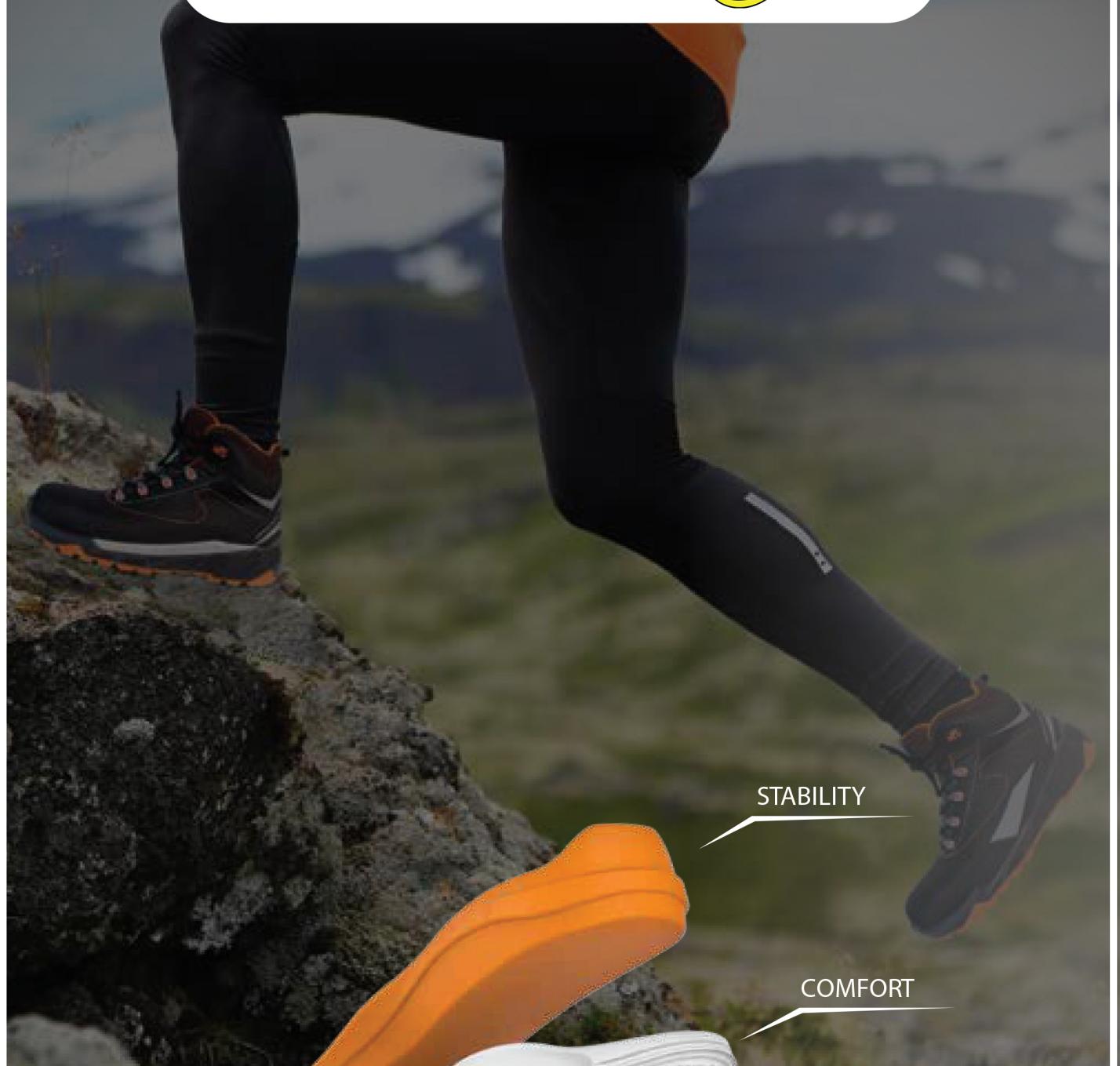
## SRC ANTI-SLIPPING SOLE

SRA ceramic + NaLS	HEEL >= 0,28 FLAT >= 0,32	0,39 0,36
SRB steel + glycerol	HEEL >= 0,13 FLAT >= 0,18	0,26 0,22

#### PLUS

**GIASCO**  
SAFETY SHOES 

 **AVS**  
GROUP



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