

DEFENDER NEW S7S FO CI AN SC SR

3U159D

CE EN ISO 20345:2022 S7S FO CI AN SC SR

High safety shoe, WPA back leather thickness 1,8-2,0 mm.
Highly perspiring and abrasion-resistant fabric lining. SoftInternal lining in soft Windtex® water resistant membrane, 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 22568

PS MIDSOLE flexible antiperforation composite fabric according to EN 22568

BULTRA SOLE three-densities antistatic polyurethane, resistant to hydrolysis ISO 5423:92, to hydrocarbons and to abrasion, anti-shock and anti-slipping.

ANTITORSION insert in the sole to ensure stability on uneven grounds.

MEMORY INSOLE three-materials extra comfort insole, with soft latex Memory cushion, ensuring no stress in heel zone and resistant to body pressure.

Perspiring, removable, anatomic, absorbing, antistatic and anti-bacterial.

FO sole resistance to hydrocarbons

CI insulating against cold till -17°

SC Overcap resistance to abrasion

WR water resistant shoe

SR sole resistance against slipping

THIS PRODUCT COMPLIES WITH THE REQUIREMENTS OF THE STANDARD ASTM F2413-24:

Impact resistant footwear (I)
Compression resistant footwear (C)
Puncture Resistant Footwear (PR)
Slip Resistance (SRO)

Size 37-49 Weight size 42 gr.630



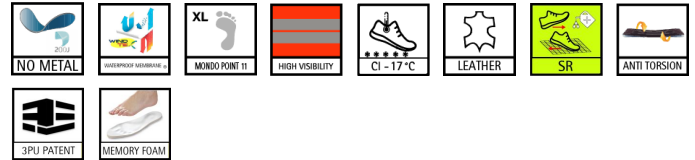
NEW



CERTIFICATIONS



TECHNOLOGIES AND MATERIALS



SECTORS



 COMPONENTS AND AUTOMOTIVE  WOOD METAL CARPENTRY 
BUILDING AND HEAVY INDUSTRY  LOGISTICS AND LIGHT INDUSTRY 
COLD PLACES

SOLE



The 3Ultra line represents the highest technologic development on sole, *materials' quality* and *protection* levels. This line was thought and designed for high-risk and outdoor environment. It belongs to the 3D generation, so the sole is made by 3 layers, each one with a specific function: **anti-slipping, stability** and **comfort**. But not only: we introduced also the *anti-vibration* characteristic, which absorbs the vibrations coming from machineries or moving vehicles. A completely metal free line, certified in accordance with the updated norm **EN ISO 23045:2022**, including also:
PS antiperforation midsole to non-metallic nail ø 3mm
SR sole resistance against slipping (ceramic floor + glycerin)
SC over cup resistance to abrasion
Moreover, the entire line is equipped with the anti-torsion insert, to ensure an additional foot support at every step, and with the memory insole for the maximum comfort.

SRC

ANTISLIPPING TEST RESULTS		request	results	request	results
 slip resistance mandatory for "conventional" outside ceramic tile floor with NaLS	RIGHT	A - forward heel slip (7")	≥ 0,31 0,40	B - backward forepart slip (7")	≥ 0,36 0,41
	LEFT	A - forward heel slip (7")	≥ 0,31 0,40	B - backward forepart slip (7")	≥ 0,36 0,41
 slip resistance (SR) optional ceramic tile floor with glycerine	RIGHT	C - forward heel slip (7")	≥ 0,19 0,28	D - backward forepart slip (7")	≥ 0,22 0,28
	LEFT	C - forward heel slip (7")	≥ 0,19 0,28	D - backward forepart slip (7")	≥ 0,22 0,28

PLUS



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 centrla part of the plant, the mostly standed area on the ladder. It limits the heel stress and helps plant arch and ankle.



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.



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.