

ERCOLANO S3L FO CI HI HRO SC SR

HR066D

CE EN ISO 20345:2022 S3L FO CI HI SC SR HRO

ANKLE SAFETY SHOE

39-47

HARD ROCK ANTISTATIC Durability

High safety shoe, **WPA** back leather with **WPA** anti-scratch back leather thickness 1,8-2,0 mm in the heel zone.

Perspiring and abrasion resistant fabric lining.

Soft, lined and padded tongue.

Shoe with fast device and leather coverlaces stitched with fireproof thread.

Side strap closing.

TOECAP 200J polymeric composite non-thermic **according to EN 22568**

MIDSOLE PL flexible antiperforation composite fabric **according to EN 22568**

SOLE HARD ROCK ANTISTATIC bidensity polyurethane and antistatic RUBBER.

Sole resistant to hydrocarbons and to abrasion, anti-shock and anti-slipping

INSOLE 4001 Comfort insole, perspiring, removable, anatomic, absorbing, antistatic ed antibacterial.

Electrical resistance: the values found prove that this insole is ESD

FO sole resistance to hydrocarbons

CI insulating against **cold till -17°C**

HI heat insulation of sole complex

SC Overcap resistance to abrasion

SR sole resistance against slipping

HRO resistance to hot contact of the outsole

Size 39-47 Shoe weight Sz 42 gr. 700

** The calculated weight excludes laces and insoles.*



→ **AREAS OF APPLICATION**

- Welding**
- Construction and Building Sites**
- Hydrocarbons and Chemicals**
- Metal and Wood Carpentry**

→ **CERTIFICATIONS APPLIED**

- Water Penetration and Absorption (WPA)**
- PL Puncture Resistance with Non-Metallic Insert (nail Ø 4.5mm)**
- Toe Cap Abrasion Resistance**
- HRO Sole Resistance +300**
- Heel Energy Absorption**
- Hydrocarbon Resistance**
- Heat Insulating Outsole**
- DGVU 112-191**

→ **TECHNOLOGIES AND MATERIALS**

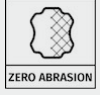
- No metal**
- Mondo Point 11**
- Quick Release**
- Scratch-Resistant Leather**
- Slip Resistance (optional glycerin test)**
- Lace Cover for Welders**
- Flame-Resistant Stitching**

→ **ANTI-SLIP RESULTS**

**after simulation of walking by slight abrasion*

| | | | | | |
|-------------------------------------|---|---|-----------------------------------|---|---|
| Ceramic tile floor with NaLS | Forward heel (heel slip 7°) ≥ 0.31 0.46 | Backward heel (heel slip 7°) ≥ 0.36 0.53 | Ceramic tile floor with glycerin | Forward heel (heel slip 7°) ≥ 0.19 0.20 | Backward heel (heel slip 7°) ≥ 0.22 0.20 |
| SRA on ceramic tile floor with NaLS | forward flat slip ≥ 0.32 0.40 | Forward Heel forward flat slip (7°) ≥ 0.28 0.40 | SRB on steel floor with glycerine | forward flat slip ≥ 0.18 0.22 | Forward Heel forward flat slip (7°) ≥ 0.13 0.17 |

↳ PLUS



Scratch-Resistant Leather

Zero Abrasion technology uses leather finished with multiple layers of polyurethane to protect the upper from scratches, cuts, and wear. This solution ensures that the footwear maintains flawless performance and appearance even after months of intense use, providing advanced resistance against abrasive surfaces and mechanical environments—all while preserving foot comfort and breathability.

↳ SOLE

HARD ROCK ANTISTATIC Durability

The Hard Rock Antistatic PU line is designed to protect safety footwear in industrial environments where extreme temperatures and hazardous materials can pose serious risks to workers. The combination of an antistatic nitrile rubber sole and certified technical materials ensures reliable protection in high-risk settings. This line also features soft lines and lightweight volumes, offering a minimal design that prioritizes comfort and practicality without compromising safety.

