GIASCO SAFETY SHOES ™

HARD ROCK INSULATING

PU

FRANKLIN SB FO E P WRU HRO

HRD052T

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

Low safety shoe, WRU suede back leather, toe in anti-scratch leather
thickness 1,8-2,0 mm. Highly 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 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 Ω > 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
HRO resistance to hot contact of the outsole

Size 37-47 **Shoe weight** Sz 42 **gr. 600**

SOLE

CERTIFICATIONS

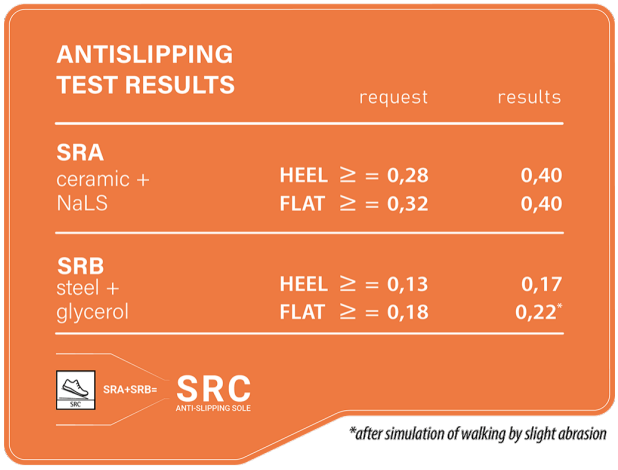
TECHNOLOGIES AND MATERIALS

SECTORS

ELECTRICIAN

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 1000MΩ.

SRC


ANTISLIPPING
TEST RESULTS
request
results
SRA
ceramic +
NaLS
HEEL ≥ = 0,28
FLAT ≥ = 0,32
0,40
0,40
SRB
steel +
glycerol
HEEL ≥ = 0,13
FLAT ≥ = 0,18
0,17
0,22*
SRA+SRB=
SRC
ANTI-SLIPPING SOLE
*after simulation of walking by slight abrasion