



**Specification for Art 41-001 “FIREGRIP” . (Mens sizes 5 x 12)**

***Upper.***

- *The leather upper is cut from 2.0 – 2.2mm chrome tanned Full Grain Bovine sides. The leather has been tanned for a softer, more comfortable feel as well as having good hard wearing characteristics.*
- *The quarters are perforated for additional wearer comfort.*
- *The thickly padded fabric tongue is an added comfort feature.*
- *The vamp lining is made from a specially needled Hi-tech Fibre blend that has been treated with “ULTRAFRESH”, which imparts hygienic and anti-bacterial properties to the material. The Fibre Blend has excellent perspiration absorbency which results in a lower heat build up inside the shoe and a more comfortable shoe for the wearer.*
- *The quarter lining is from an industrial quality “cambrelle” type non-woven material with good abrasion resistance.*
- *The lace is braided and made from a polyester yarn with high abrasion resistance together with a central core for additional strength.*
- *The padding around the collar gives comfort and support.*
- *The special eyelet loops and hook make the lacing of the shoe much easier and faster.*

### ***Insole and Sock***

- *The insock is from a specially developed anti-static non-woven material which has exceptional directional stability, durability and comfort.*
- *The “**Energiser**” footbed insock is made from a newly developed needled 100% pure new wool blend that has great perspiration absorbency and gives extra comfort to the wearer who is on his feet all day long, due to the low build up of heat inside the shoe. This material has been treated with “**ULTRAFRESH**”, which give the material its anti-fungal and anti-bacterial properties.*
- *A special shank reinforcement is moulded into the midsole to give additional support under the arch of the foot.*

### ***The Rubber / PU Sole***

- *The two colour rubber sole is heat resistant up to 300 C and provides excellent slip resistance on most surfaces.*
- *The inner midsole is from a low density flexible polyurethane for comfort and flexibility with a shore hardness of 0.45-0.50.*
- *The shoe is **non-conductive** and ideal for situations where there is a high risk of electric shock.*

### ***Toe caps***

- *The steel toe cap is imported from Europe or South America and complies with the SANS/ISO 20345 Specification to withstand an impact load of 200 joules. This toe cap has an extra wide fit to accommodate South African feet and we use 5 different sizes to cover the full size range of shoes.*

***The “**FIREGRIP**” shoe, has been tested to comply with SANS/ISO 20345 Specification and carries the SANS/ISO 20345 Certified Mark..***

*If required this shoe can have a flexible stainless steel midsole moulded into the sole to give greater protection against penetration by glass or nails etc.*

***Beier Safety Footwear has a registered quality management system and is an ISO 9001 rated factory.***

*Jun 2010*