



**Specification for Art 90-008 “HAMBURG” . (Mens sizes 4 x 12)**

***Upper.***

- *This fashionable ath-leisure styled upper is cut from 2.0 – 2.2mm suede. This suede has been tanned for a softer, more comfortable feel as well as having good hard wearing characteristics.*
- *The padded fabric tongue gives excellent comfort over the instep.*
- *The vamp lining is made from a specially needed 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 excellent abrasion resistance.*
- *The gunmetal eyelets have been treated with a special anti corrosion coating.*
- *The light reflective stripes give additional safety to the wearer.*
- *The lace is braided and made from polyester yarn with high abrasion resistance together with a central core for additional strength.*
- *The padded collar is from a new, soft, 15mm closed cell foam with good memory recovery giving comfort and support.*

### ***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 Double Density PU Sole***

- *The outer wearing sole is from a polyester polyurethane with good wearing characteristics and a shore hardness of 0.64 – 0.65 for flexibility and slip resistance. The **AKTIV sole** tread pattern is ideal for use in warehouses or stores .*
- *The inner midsole is from a low density flexible polyurethane for comfort and lightness with a shore hardness of 0.45-0.50.*
- *This shoe is anti-static.*

### ***Toe caps***

- *The steel toe cap is imported from Europe or South America and complies with the S.A.B.S. 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.*
- *This “**Hamburg**” shoe, as does all our safety footwear , conforms with **SANS/ISO 20345** and the European “**CE**” specification **EN 345**, and carries the marks for both.*

*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.***

*Mar 2011*