

SAFETY FOOTWEAR

80 SAFETY TRAINERS

84 SAFETY BOOTS

96 DEALER & RIGGER BOOTS

98 LADIES FOOTWEAR

100 CORPORATE SHOES

102 WELLINGTON & WADERS ACCESSORIES

Most workplaces have varying requirements for the provision of safety footwear, which is why SMI has a wide range to cover a variety of applications, with relevant information for you to make the right choice. We provide products designed for both men and women, in a broad variety of styles and sizes.

While protection is paramount, we recognise that long wear periods, hostile conditions, wearer acceptance, design and comfort are additional considerations. Our footwear range will ensure that you have optimised safety, maximum comfort and durability. All our safety footwear is compliant with the relevant regulations.

REGULATIONS FOR SAFETY FOOTWEAR

The European legislation in force since 1993 distinguishes the type of footwear according to the level of risk, and establishes the specific requirements for each category.

EN ISO 20345:2011:

Provided with toe caps to give protection against an energy level of 200 joules, and against the risk of crushing with a maximum load of 15.000N

HONEYCOMB INSOLE:

Honeycomb Gel Insole which is a high elastic E.V.A footbed with soft latex shock absorption honeycomb heel offering excellent comfort

- Offers cushioning and support for the feet over extended walking and standing time periods
- Protects the foot from impact with the ground and helps to lessen the stress on joints and ligaments in the foot
- Helps prevent injury
- Friction reducing top fabric
- Anti-Static stitching
- Fits in most shoes with a removable insole.



SYMBOLS

Antistatic	Composite Toecap	Composite Midsole
Ladies Footwear	Light Weight	Metal Free
Steel Toecap	Steel Midsole	Waterproof & Breathable
Ankle Protection	Heat Resistant	Wide Fitting

SLIP RESISTANCE

SLIP RATING	TEST METHOD	TEST	COEFFICIENT FRICTION REQUIREMENT
SRA	Footwear tested on ceramic tile floor with soidum lauryl solution	Forward heel slip Forward flat slip	Not less than 0.28 Not less than 0.32
SRB	Footwear tested on steel floor with glycerol	Forward heel slip Forward flat slip	Not less than 0.13 Not less than 0.18
SRC	Tested and conforms to both of the above methods	Products meet all of requirements of SRA & SRB	

ROKWEAR

Light Weight	Honeycomb Gel Insole	Waterproof
Breathable	Water Repellent	Ladies Footwear

CLASSIFICATION CATEGORIES

Short Codes for commonly used combinations There are others, but these are the main ones.		SB	P	A	E	WRU	HRO	CI	HI
		Toe Protection tested with 200J impact & 15KN Compression Force. (Includes fuel oil resistant outsole)	Penetration Resistant Sole: Penetration Force >1100N	Antistatic	Energy absorption in the seat region	Water Resistant Upper	Heat Resistant Outsole: tested for 60 seconds at 300°C	Insulation against cold: tested for 30 mins at -20°C	Insulation against heat: tested for 30 mins at 150°C
S1	Does not apply to all-rubber or all-polymeric footwear. Must have closed seat region + the following classifications:	•		•	•				
S2	Does not apply to all-rubber or all-polymeric footwear. Must have closed seat region + the following classifications:	•		•	•	•			
S3	Does not apply to all-rubber or all-polymeric footwear. Must have closed seat region + cleated outsole + the following classifications:	•	•	•	•	•			
Sometimes a short code is followed by any additional category codes which the footwear has been tested to i.e. S1 P or S2 CI. Below are a few examples:									
SBP	Has the following classifications:	•	•						
S1P	Has the following classifications:	•	•	•	•				
S2 HRO	Has the following classifications:	•		•	•	•	•		
S2 CI	Has the following classifications:	•		•	•	•		•	
S2 HI	Has the following classifications:	•		•	•	•			•