

Marking Codes Used on CE and UKCA certified PPE Footwear EN ISO 20345:2022

EN ISO 20345 SB	Safety Footwear. Toe Protection tested with 200j impact and 15kn compression.		
EN ISO 20346 PB	Protective Footwear. Toe Protection tested with 100j impact and 10kn compression.		
EN ISO 20347 OS	Occupational Footwear. No Toe Protection against mechanical hazards provided.		
A	Antistatic between 0.1 and 1000MΩ		
AN	Ankle Protection: Impact with mean transmitted force to be ≤10Kn and no single result ≥ 15kn		
C	Partially Conductive : Electrical resistance ≤100kΩ		
CI	Insulation against cold:30mins at -17°C at ≤10 °C		
CR	Cut resistant Upper: Cut resistance index to exceed 2.5		
E	Energy Absorption of the seat region. Energy to be absorbed to be ≥20j		
FO	Fuel Oil Resistant outsole		
HI	Insulation againts heat: 30 mins at 150 C at ≤10 °C		
HRO	Heat Resistant Outsole compound: Shall withstand 300 °C for 60 s		
LG	Ladder Grip - must meet specific dimensional requirements		
M	Metatarsal Protection: 100J impact energy		
P	Penetration Resistant Outsole: Penetration force ≥ 1100N Metal Insert		
PL	Penetration Resistant Outsole: Penetration force ≥ 1100N Non- Metal Insert. 4.5mm diameter nail		
	Penetration Resistant Outsole: Penetration force ≥ 1100N Non- Metal Insert. 3mm diameter nail		
PS	Penetration Resistant Outsole: Penetration force ≥ 1100N Non- Metal Insert. 3mm diameter nail		
SC	Scuff Cap Abrasion		
SR	Slip Resistance - only marked if the additional Slip Resistance Testing has passed.		
WR	Water Resistant Footwear (class 1 only)		
WPA	Water penetration and absorption of upper		
Ø	Not Tested For Slip Resistance		
Category	Class	Additional Requirements	
S1	Class I	As SB +: Closed Heel Area, E, A	
S2	Class I	As S1+:WPA	
S3	Class I	As S2+:PR to required level, cleated outsole	
S3L	Class I		
S3S	Class I		
S4	Class II	As SB +: Closed Heel Area, E, A	
S5	Class II	As S4+:PR to required level, cleated outsole	
S5L	Class II		
S5S	Class II		
S6	Class I	As S2+:WR	
S7	Class I	As S3 +: WR + PR to required level	
S7L	Class I		
S7S	Class I		
Class			
I	Footwear made from leather and other materials, excluding rubber or all polymeric		
II	All rubber or all polymeric footwear		
Info pictogram	EN ISO20349:2017+A12020	EN ISO13832-3:2018	EN ISO17249:2013
indicates user should see information supplied by the manufacturer	AL - Aluminium	Chemical Resistant	Level 1 = 20 chain speed
	FE - Iron		Level 2 = 24 chain speed
	WG- Welding footwear		Level 3 = 28 chain speed
			