CE MARKING

The main factor that distinguishes safety footwear and occupational footwear is whether or not the product is equipped with a toe cap. Safety footwear (with a toe cap) are tested and certified in accordance to EN ISO 20345 for areas of work that have a risk of injury caused by impact, compression or sharp objects. Occupational shoes (without a toe cap) are tested and certified in accordance to EN ISO 20347 and are intended for workplaces where there are no mechanical risks. Be sure to select the best footwear for your intended work area and follow all local requirements and guidelines.

EN 20345:2011 and EN 20347:2012 were superseded by EN 20345:2022 and 20347:2022 respectively. All safety footwear being certified by Helly Hansen Workwear will begin to use the new standards for FW23. It is important to note that all existing certificates for EN 20345:2011 and 20347:2012 will remain valid until their expiration.

Safety and Occupational footwear are divided into two classes : I and II. Class I indicates that the footwear is made of leather, textile or microfiber and Class II indicates that the footwear is made of rubber or Polymer. There are various protective categories within each class. Table 1.0 shows which protective properties are present in each category. Additional protective properties may be claimed in conjunction with the categories. These can be found in table 1.1.

FOOTWEAR (EN ISO 20345) (1.0A)

CLASS	I / II	I	I	I	I	I	I	I			II	II
CATEGORY	SB	S1	S2	S3	S3L	S3S	S6	S7	S7L	S7S	S4	S5 / S5L / S5S
TOE PROTECTION	X	X	X	X	X	X	X	X	X	X	X	X
BASIC SLIP RESISTANCE (CERAMIC TILE WITH NALS)	X	X	X	X	X	X	X	X	X	X	X	X
CLOSED SEAT REGION		X	X	X	X	X	X	X	X	X	X	X
ENERGY ABSORBING SEAT REGION (E)		X	X	X	X	X	X	X	X	X	X	X
FUEL AND OIL RESISTANCE (FO)		X	X	X	X	X	X	X	X	X	X	X
ANTISTATIC (A)		X	X	X	X	X	X	X	X	X	X	X
WATER PENETRATION AND ABSORPTION (WPA)			X	X	X	X	X	X	X	X		X
PERFORATION RESISTANCE (STEEL PLATE)				X				X				X
PERFORATION RESISTANCE NON-METALLIC (TYPE L - 4.5MM PIN)					X				X			
PERFORATION RESISTANCE NON-METALLIC (TYPE S - 3MM PIN)						X				X		
CLEATED OUTSOLE				X	X	X		X	X	X		X
WATER RESISTANCE OF THE WHOLE FOOTWEAR (WR)							X	X	X	X		
RUBBER OR POLYMER											X	X

OCCUPATIONAL FOOTWEAR (EN ISO 20347) (1.0B)

CLASS				I	I	I	I
CATEGORY	OB	O1	O2	O3	O3L	O3S	O6
TOE PROTECTION							
BASIC SLIP RESISTANCE (CERAMIC TILE WITH NALS)	X	X	X	X	X	X	X
CLOSED SEAT REGION		X	X	X	X	X	X
ENERGY ABSORBING SEAT REGION (E)		X	X	X	X	X	X
FUEL AND OIL RESISTANCE (FO)		X	X	X	X	X	X
ANTISTATIC (A)		X	X	X	X	X	X
WATER PENETRATION AND ABSORPTION (WPA)			X	X	X	X	X
PERFORATION RESISTANCE (STEEL PLATE)				X			X
PERFORATION RESISTANCE NON-METALLIC (TYPE L - 4.5MM PIN)					X		
PERFORATION RESISTANCE NON-METALLIC (TYPE S - 3MM PIN)						X	
CLEATED OUTSOLE				X	X	X	X
WATER RESISTANCE OF THE WHOLE FOOTWEAR (WR)							X
RUBBER OR POLYMER							

(1.1)

REQUIREMENT			SYMBOL
WHOLE FOOTWEAR	Perforation Resistance	Perforation resistance (metal insert type P)	P
		Perforation resistance (non-metal insert) - Type PL	PL
		Perforation resistance (non-metal insert) - Type PS	PS
	Electrical properties	Partially conductive footwear	C
		Antistatic footwear	A
	Resistance to inimical environments	Heat insulation of outsole complex	HI
		Cold insulation of outsole complex	CI
	Energy absorption of seat region		E
	Water resistance		WR
	Metatarsal protection		M
	Ankle protection		AN
	Cut resistance		CR
	Scuff cap abrasion		SC
	Slip resistance (on ceramic tile floor with glycerine)		SR
UPPER	Water penetration and absorption (supersedes WRU)		WPA
Outsole	Resistance to hot contact		HRO
	Resistance to fuel oil		FO
	Ladder Grip		LG

TECH ICONS

COMPOSITE TOE PROTECTION

ALUMINIUM TOE CAP

ANTISTATIC PROPERTIES

ESD

PENETRATION RESISTANT MIDSOLE

REFLECTIVE DETAILS

SLIP RESISTANT OUTSOLE - SR

SLIP RESISTANT OUTSOLE - SRC

HELLY GRIP

HELLY GRIP - XRC

HELLY GRIP - HRO

NITRILE RUBBER OUTSOLE

NON MARKING SOLE

METAL-FREE

HELLY TECH® WATERPROOF

HH® DUAL-STRIDE

WOMENS SIZES