

HEAD PROTECTION

SAFETY HELMETS ARE DESIGNED SO THAT THE ENERGY DEVELOPED DURING AN IMPACT IS ABSORBED BY THE PARTIAL DESTRUCTION OF THE CAP AND THE HARNESS.

EN 397 STANDARD

The EN397 standard for safety helmets requires each helmet to bear a moulded or printed marking featuring the following indications:

- the European standard number,
- the name or the manufacturer identification mark,
- date of the quarter and the year of manufacture,
- the helmet type,
- the size or size range.

Further indications, like instructions or recommendations of adjustment, assembling, use, cleaning, disinfecting, maintenance, revision and storage are specified in the instructions for use. The standard requires a helmet to pass mandatory tests including shock absorption, resistance to penetration, flame resistance and chinstrap anchorage. There are additional options within EN397:

-20° C / -30° C Protection at low temperature

440v a.c. Short term protection from accidental contact with conductors up to this voltage

LD Some protection from lateral deformation

MM Molten Metal splash test

EN 812 STANDARD

Relating to Industrial Bump Caps, which are intended to provide protection against collision with a stationary object – bumping against scaffolding etc. A Bump Cap does not provide protection against falling or thrown objects and should not be used where a safety helmet is required.

MATERIALS

- Shells are primarily made using UV stabilised HDPE (High Density Polyethylene) or ABS (Acrylonitrile Butadiene Styrene).
- Harnesses are normally made using low density Polyethylene or Terylene webbing.

ACCESSORIES

- Chinstraps
- Sweatbands
- Replacement Harnesses, Low Density Polypropylene or Terylene Webbing, Wheel Ratchet or Slip Ratchet Fastening
- Helmet Mounted Lights
- Eye Protectors
- Face Visor
- Helmet Mounted Earmuffs

CARE AND MAINTENANCE

The helmet or bump cap may be cleaned with soap and water, drying with a soft cloth. They should not be cleaned with abrasive substances or solvents and must not be stored in direct sunlight or in contact with chemicals. Helmets should be regularly inspected by the wearer. Any helmet showing more than superficial abrasions or scuffing to the shell should be replaced. Given the treatment that most head protection receives, it is unlikely that it would offer adequate protection after 5 years general usage.

HELMET LIFETIME RECOMMENDATIONS

A safety helmet's 'safe to use' age is dependent upon a number of variable factors that must be assessed by the user through a process of careful monitoring and regular inspection prior to use. The date clock located on the peak of a helmet shell is purely an indication of when the shell was manufactured and does not accurately indicate what time period a safety helmet remains safe to use.

The most important and relevant date to record in terms of safety is the date of first use and this should always be written immediately on the label provided in the back of the helmet. Polymers are durable materials and only really begin to change their mechanical properties when they are exposed to sunlight and industrial hazards.

If left unused in conditions totally deficient of light, moisture and extremes of temperature, a helmet shell does not have a short shelf life or short sell by date. In fact, its physical condition will not alter for some period of time. A safety helmet's lifetime is reduced by a number of different factors:



- Impacts and abrasions

- UV light exposure

- Chemical exposure

- Temperature extremes

- Molten Metal Splash

- Electrical Arc Flash

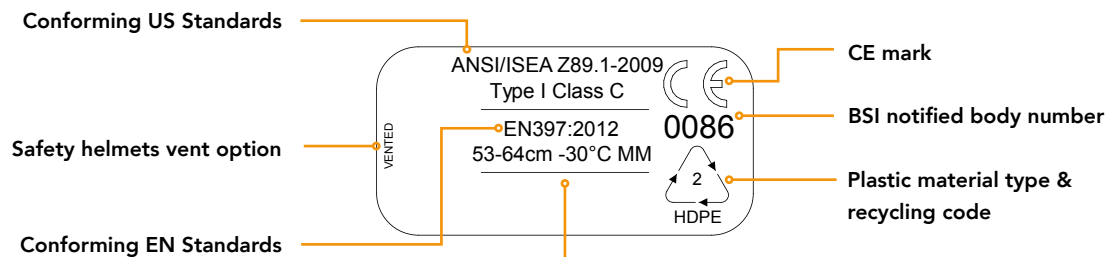
As a manufacturer, it is almost impossible to predict exactly what effect these combinations will have on a helmet's 'safe to use age'. Users must regularly inspect and maintain their safety helmet and have an appreciation of their work environment when determining when to replace their safety helmet. We recommend a maximum in use lifetime of between 2 and 5 years from the date of first use. A safety helmet protects arguably the most important organ in a human's body and is relatively inexpensive to replace, if pre-use inspection gives rise to any doubt, discard and replace immediately.



UNDERSTANDING SAFETY HELMET MARKING

Safety helmets are manufactured under both the ISO9001:2008 Quality Management System (QMS) and the British Standard Institution's (BSI) Kitemark™ scheme. They not only comply with but significantly exceed all relevant international performance standards. See below for a guide to the markings found on your safety helmet.

CONFORMITY STAMP



CE MARK

The CE Mark is a mandatory marking for all PPE in Europe. The mark demonstrates that the safety helmet meets all requirements of the European PPE Regulator.

LOGO

The logo is a registered trademark of the manufacturer. It indicates that the helmet is genuine and passes all relevant standards.

MODEL STAMP

The model stamp can be found embossed on the underside of the helmet peak and clearly identifies which helmet model it is. In this example the helmet is a JSP Mk3 Evolution® or EVO3®

EN STANDARDS

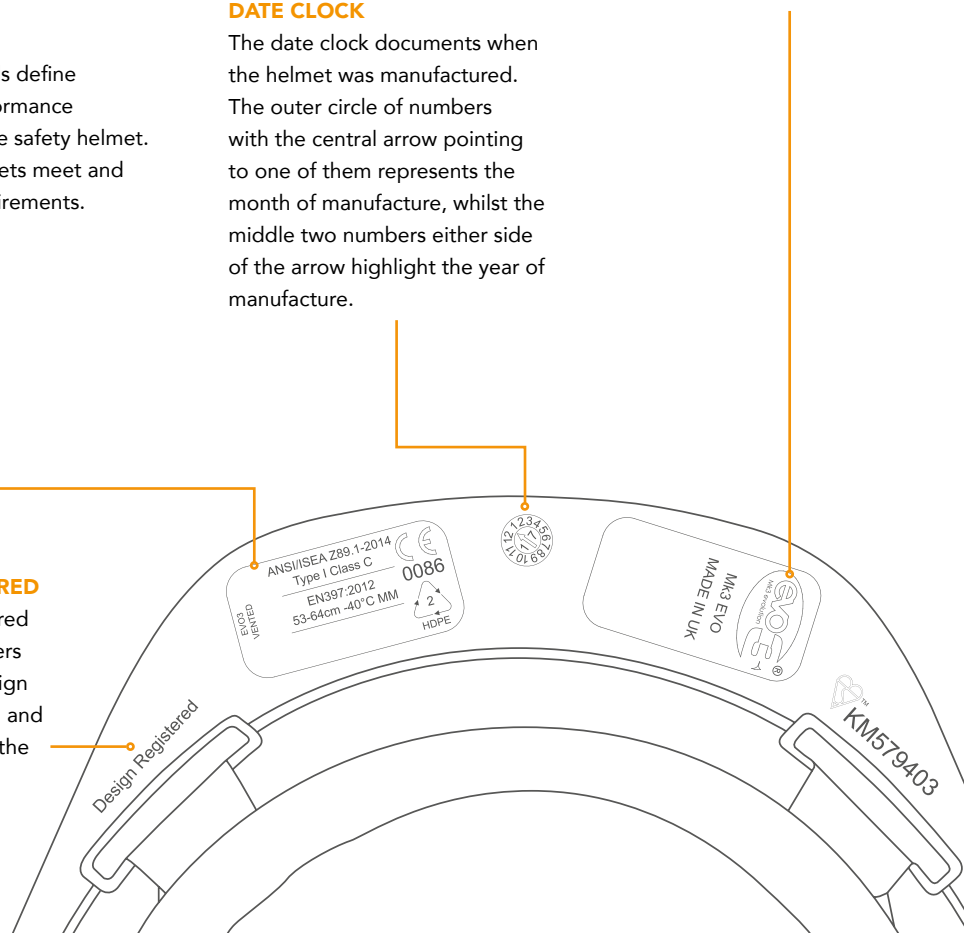
European standards define the minimum performance requirements of the safety helmet. All our safety helmets meet and exceed these requirements.

DATE CLOCK

The date clock documents when the helmet was manufactured. The outer circle of numbers with the central arrow pointing to one of them represents the month of manufacture, whilst the middle two numbers either side of the arrow highlight the year of manufacture.

DESIGN REGISTERED

The design registered mark prevents others from using the design without permission and also indicates that the helmet is genuine.



LOGO SERVICE

MJ Scannell can provide a Helmet printing service for Company Logos and other safety information on helmets.

Print runs are a minimum 40 helmets per order. For smaller orders we can supply printed stickers which can be attached to the front or side of the Helmet.



4 STEP GUIDE TO ORDERING

1. SELECT HELMET

Choose your helmet and where you want your logo printed – choose either front, back, sides or any combination of the three.

2. SUPPLY ARTWORK

E mail artwork to sales@mjscannell.ie in file format Adobe Illustrator.ai or eps files. Other file formats can be accepted, but they may incur additional set up charges and require more time for the artwork involved.

3. APPROVE ARTWORK PROOFS

MJ Scannell Safety will e mail colour proofs for approval. Approval of these proofs is required before commencement of orders.

4. DELIVERY

Standard times for delivery are 15 to 20 working days from receipt of approved artwork.

NEW INDIVIDUAL BRANDING

With the greater need for identification on work sites and industrial environments, we can now offer permanent individual helmet personalisation at low cost to further enhance identity and individuality to your head protection i.e. users names.

Chose the helmet you want and the position that you wish for the individual printing to be done. Send an Excel spreadsheet with names or descriptions you want to mention on each helmet (using the font that you wish to be used). Each Helmet supplied will then be printed with the individual names supplied, in black, and with any other useful information (contact number, ID number etc). Minimum Order Quantity applies.

COMFORT HELMET


APEX COMFORT HELMET
 HDACP

Colours



The Redback Apex is a vented hard hat helmet which enables firm fitting of safety visors and ear defenders. 6-point terylene harness with sweatband, ratchet adjustment.

Sizes

One size shell with adjustable internal harness

Standard
EN397


EVO 3 HELMET
 HDE3

Colours



The Evo 3 Hard Hat is a Comfort Plus stylish helmet which enables firm fitting of safety visors and ear defenders. 6-point terylene harness with sweatband, one touch ratchet adjustment.

Sizes

One touch ratchet adjustment

Standard
EN397


EVO 3 MICRO PEAK HELMET
 HDE3MP

Colours



The Evo 3 Hard Hat is a Comfort Plus stylish helmet which enables firm fitting of safety visors and ear defenders. 6-point terylene harness with sweatband, one touch ratchet adjustment. Short peak

Sizes

One touch ratchet adjustment

Standard
EN397


EVO 3 LINESMAN HELMET
 HDE3L

Colours



The Evo 3 Hard Hat Linesman Helmet has a short peak allowing good visibility on the horizontal and vertical, Terylene Harness, 4-Point Chinstrap.

Sizes
One

Standard
EN397



COMFORT HELMET

MK7 HELMET HD7

Colours



The JSP MK 7 Hard Hat is an innovative helmet which comes fitted with integrated sure slide retracta spec, 6-point terylene harness with sweatband, ratchet adjustment.

Sizes
One touch ratchet adjustment

Standard
**EN397
EN166**



IRIS II HELMET HDSHSG

Colours



ex-stock. Other colours available on request.

The IRIS II hard hat helmet is a breakthrough innovative helmet combining eye and head protection in one. 6-point terylene harness with sweatband, wheel ratchet adjustment.

Sizes
One

Standard
**EN397
EN166**



STANDARD HELMET

EVO 2 HELMET HDE2

Colours



The Evo 2 Hard Hat is a stylish helmet which enables fitting of safety visors and ear defenders. Plastic harness with sweatband, one touch ratchet adjustment.

Sizes
One touch ratchet adjustment

Standard
EN397



HELMET ACCESSORIES

HELMET WINTER LINER HDHWL

Colours



Navy with red lining

Helmet Winter Linter. Two Layers. 100% FR cotton shell with fleece lining. Regular length. Cotton twill is flame retardant treated. 2 internal ear pockets for use with warmer pads. Velcro fastening chin strap.

Sizes
One

Standard
CE



EVO HELMET SWEATBAND HDE2HS

Chamlon sweatband for EVO® range of safety helmets .

Sizes
One

Standard
CE



HELMET ACCESSORIES



HELMET CHINSTRAP

HDHCS

Elasticated hard hat/helmet chinstrap with easy close fastening, suitable for all helmet types.

Sizes
One



HONEYWELL PROTECTIVE VISOR & CARRIER

Robust helmet mounting face shield. Secure visor fixing method with a firm multi-tilt system. 8" (20cm) Length.

FV1004583

Helmet mounted visor carrier.

Size **One**
Standard **EN166-B 39**



Honeywell

FV1004584

Helmet mounted Polycarbonate Visor

Size **One**
Colour **Clear**
Standard **EN166-1 B 39**



JSP SUREFIT VISOR & CARRIER

Visor carrier clips into universal slot ear defender for EVO 2 and EVO 3 helmets.

FVVC

Helmet mounted visor carrier.

Size **One**



Polycarbonate replacement visor protector. 8" (20cm) length. For attachment to Surefit FVVC helmet visorcarrier. Carrier needed for attachment here is sold separately.

FVSPV

Helmet mounted Polycarbonate Visor

Size **One**
Colour **Clear**
Standard **EN166-1 B 39**



BUMP CAPS



HARDCAP A1+

HDHCA1+

Colours



Hardcap A1+ Baseball Bump Cap has a sleek low profile design which offers all round protection. Removable washable protective liner, terry towel sweatband, one-handed angled adjuster. Available in regular and short peak.

Sizes
One

Standard
EN812



BUMP CAPS

TOP CAP HDBBC

Colours



Top Cap Baseball Bump Cap has a sleek low profile design which offers all round protection, terry towel sweatband, one-handed angled adjuster.

Sizes
One size shell with adjustable velcro strap

Standard
EN812

PW79 BUMP CAP HDPW79

Colours



PW79 Hi-Vis Bump Cap using high profile ABS shell with padded crown acts as a shock absorber. It features a six-panel design with ventilation ports for cooling ventilation. 360° reflective bead for enhanced safety.

Sizes
One size shell with adjustable hook and loop.

Standard
EN812

BOURTON BUMP CAP HDBC

Colours



Bourton Bump Cap is a lightweight product to protect against accidental bumps. Not suitable for protection against falling mass.

Sizes
One size shell with adjustable hook and loop.

Standard
EN812

MISCELLANEOUS

PA50 L.E.D. HEAD LIGHT SSPA50

Head Light with tilt control so you can aim the light where it is needed most. New and improved brightness with 8 L.E.D.S. 3 x AAA batteries included.

Sizes
One

Standard
CE

C1H CLARITY HELMET EAR DEFENDER EP1011262

Clarity C1H Helmet mounting ear muff. Slimline low weight product. Easy to use clip on system. Different adaptors to suit all brands of helmets.

Sizes
One

Standard
**EN352-3
H26 M23 L19
SNR 26**

Honeywell

See Page 13 for more Helmet Ear Defenders