

THREE TIMES THE PROTECTION EN14052 IS HERE

HEAD PROTECTION HAS EVOLVED

The Mk Evolution 8™ is the only industrial safety helmet in the world meeting and exceeding the new far tougher head protection standard EN14052. The new EN14052 standard requires the helmet to withstand forces over 3 times the crown impact level of those in the old EN397 standard and for the first time provide protection from side impacts to the same level as forces experienced on the crown impact test of EN397!!! It is the biggest step forward in head protection since the old British Standards came into force in the 1970's which later formed into the EN397 standard.

Whilst some helmets have been made much lighter with material effectively being taken out of areas away from the over-emphasised crown impact test area of EN397 so they are cheaper to manufacture, there is a resultant reduction in peripheral safety performance of such 'lightweight' EN397 helmets. EN14052 effectively deals with this issue as it is such a severe standard and far better suited to protecting against the real hazards of working on today's sites as opposed to the old standard more suited to sites typical of the 1970's. Modern sites are typically far more frenetic, with more equipment and machinery operating, with the peripheral dangers of swinging objects from cranes and the like, as well as in general being much higher rise meaning greater velocity and load masses of falling objects.



ENTERING NEW TERRITORY

The high density EPS liner and ultra comfortable harness, ensures maximum protection in the highest risk environments, such as mining, tunnelling, demolition, construction, refineries, offshore and marine, without compromising comfort.

SO WHY DID JSP DEVELOP THE EV08™?

JSP were approached by several large construction companies and civil engineers directly and asked the question could we develop a 'safer helmet'?

Situations had occurred, even one where a linesman at a major civil engineer had received a side impact whilst working at height, which left the individual concussed and hanging from fall arrest requiring a rescue at height, something that is very difficult to carry out. The existence of the higher standard EN14052 told us that there was a requirement and a standard to which we could benchmark performance of both crown and side impacts.

IMPACT PROTECTION

Side, front and rear impact protection from the Shock absorbing EPS liner. Vented liner to increase comfort whilst maintaining high protection factor. Liner optimises low angle impact performance.



OUTER SHELL

Ultra high strength outer shell. Ribbed upper section dissipates impact energy. All Round Protection, down to 60° from vertical. Large print area on front & sides for logo printing.



COMFORT

Extremely comfortable terylene webbing moulds to the individual wearer's head. Lightweight EPS liner reduces weight while still offering maximum protection.



Like all JSP safety helmets, the Mk8 EVO™ can be branded with your corporate logo or company details. There is space for branding on the front, sides and back. Printed helmets can be delivered within seven working days from JSP's receipt of approved artwork.



ADJUSTMENT

Intuitive thumb and fore finger press points for easy adjustment of the wheel ratchet, offers diverse size ranges for true 'One Size Fits All'



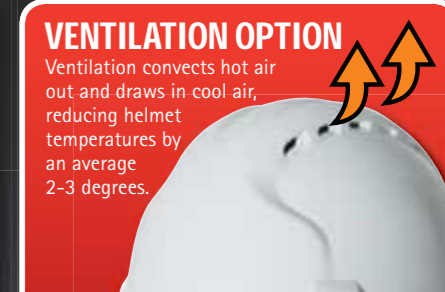
EAR DEFENDERS

International slot for firm fitting of ear defenders. Pivotal side arms aid personal fit and comfort with stand off positioning to enable defenders to be removed from ears quickly. High performance Surefit™ ear protection offers an SNR of 28.



SAFETY VISORS

International slot enables firm fitting of a range of 'Surefit™' safety visors. Wide variety of visors available including, Acetate, Polycarbonate, Wire Gauze and GW5. Incorporates steel springs for easy deployment and retraction.



VENTILATION OPTION

Ventilation convects hot air out and draws in cool air, reducing helmet temperatures by an average 2-3 degrees.

HIGH IMPACT SIDE IMPACT

The EVO8™ took two and half years of research and development. It was a considerable challenge to create the right design and to utilise the right materials that would meet the significant performance level required. A huge amount of work around the design and testing of different materials has been carried out and we are extremely proud to be the only manufacturer that has managed to develop a helmet capable of passing EN14052.

Through painstaking research and development and through intensive testing and use of high tech materials we have finally launched a helmet that will inevitably save lives and dramatically reduce head injury. We expect that now this helmet is available many major construction companies who take safety seriously, will want to keep their employees safe by giving them the very best, highest level of protection, for the head that is the JSP EVO8™ helmet.

EN14052 Vs EN397

The EVO8™ Safety Helmet is tested from more than double the height of helmets that meet EN397. EN14052 also requires that the same helmet is tested **twice**, once on the crown and once on either, the left or right side, front or back. Together with the testing height of up to 2.5 metres, passing EN14052 means the Mk8 Evolution™ can take 3 times the impact of **any other** EN397 helmet on the market. However, the EVO8™ doesn't just meet the new EN14052 standard, it exceeds it. No other safety helmet offers this level of protection. JSP has designed this product to save lives. If you are serious about safety, you will wear the JSP EVO8™.

PENETRATION TEST FOR EN397

Helmet is hit once by a 3kg pointed striker from a height of 1 metre in a 50mm radius of the crown.

IMPACT TEST FOR EN397

Helmet is hit once directly onto the crown with a 5kg weight from 1 metre.

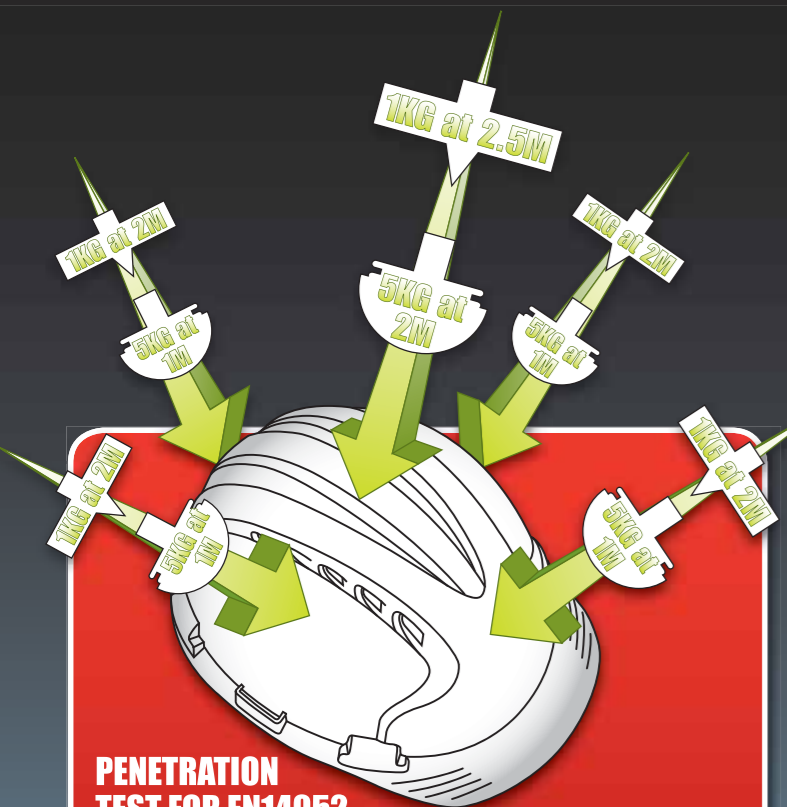


PENETRATION TEST FOR EN14052

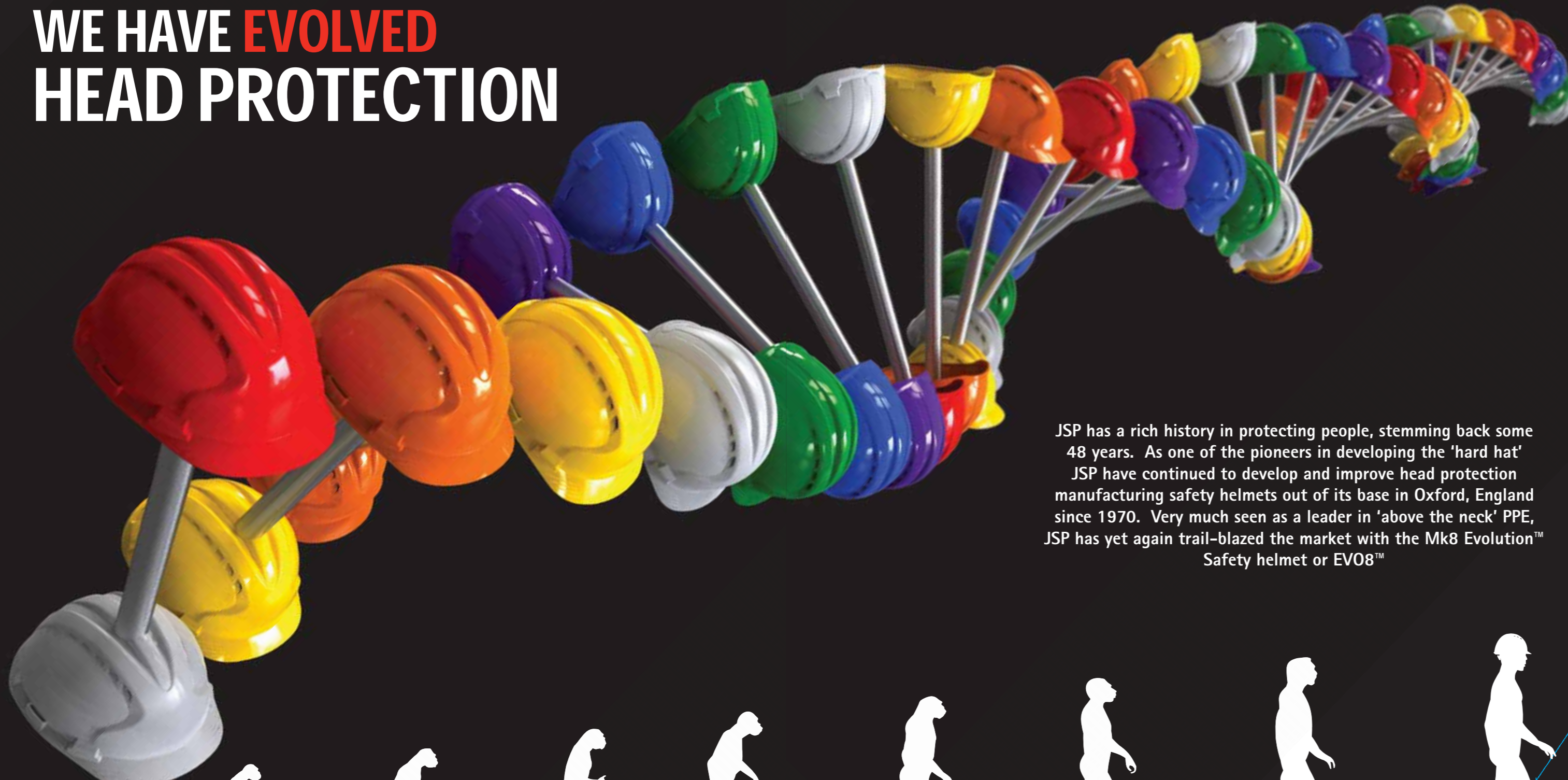
Helmet is hit twice, once in the crown area with a 1kg flat bladed striker from 2.5 metres. The Helmet is then re-conditioned and the same weight is dropped from 2 metres onto the shell at any angle between 15° and 60° for Side Impact performance.

IMPACT TEST FOR EN14052

Helmet is hit twice, once in an area within a 35mm radius of the crown with a 5kg weight from 2 metres. The Helmet is then re-conditioned and the weight is dropped from 1 metre onto the shell at any angle between 15° and 60° for Side Impact performance.

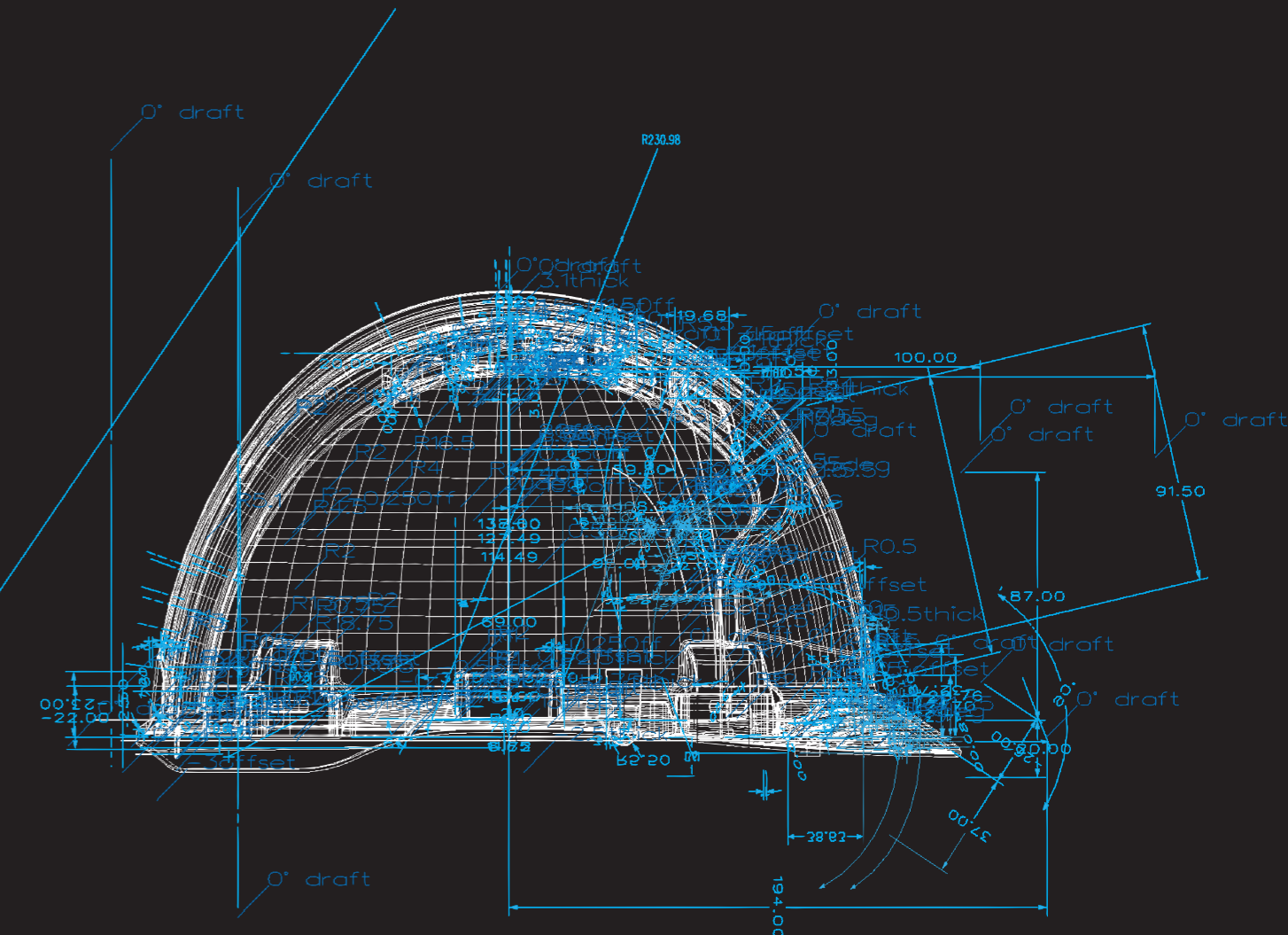


WE HAVE **EVOLVED** HEAD PROTECTION



JSP has a rich history in protecting people, stemming back some 48 years. As one of the pioneers in developing the 'hard hat' JSP have continued to develop and improve head protection manufacturing safety helmets out of its base in Oxford, England since 1970. Very much seen as a leader in 'above the neck' PPE, JSP has yet again trail-blazed the market with the Mk8 Evolution™ Safety helmet or EVO8™

EN14052 IS HERE...



1964	JSP established as manufacturer of safety clothing & gloves.
1970	JSP begins production of the Mk1™ Safety Helmet to BS 2826 standard. Pioneering features such as reinforced channel, chin strap and ventilation options
1975	The Mk1™ Safety Helmet firmly establishes itself as the market leader in UK construction. The introduction of ear and face accessories adding to it's success
1980	Building on the success of the Mk1™ JSP Launch the MK2/3™ Safety Helmet setting the benchmark for others to follow, still popular today
1982	Recognising the ever growing use of branding JSP pioneer the development of printing company brands directly onto helmets
1995	Introduction of short peak helmets adding yet more flexibility to an already diverse range
1997	Due to ever growing popularity JSP are by this time exporting to over 80 countries worldwide and manufacturing on three continents
2005	The Mk6/7™ Safety Helmet with integrated eye protection is launched to wide acclaim. With the Mk6/7 JSP strive to better EN397 not content to just meet it
2007	JSP reinvent the bumpcap with the Hardcap A1+™ the only bumpcap to exceed the A1+ variant of EN812
2009	The MK8 Evolution™ is launched as the only industrial safety helmet in the world meeting and exceeding the new far tougher head protection standard EN14052

INTRODUCING MK8 EVOLUTION™ FROM JSP
THE **ONLY** HIGH PERFORMANCE, SIDE IMPACT INDUSTRIAL SAFETY HELMET IN THE WORLD!!

